S1010-1

ANNUAL REPORT
OF
VITAL STATISTICS
Colorado
1979

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Price $1.00

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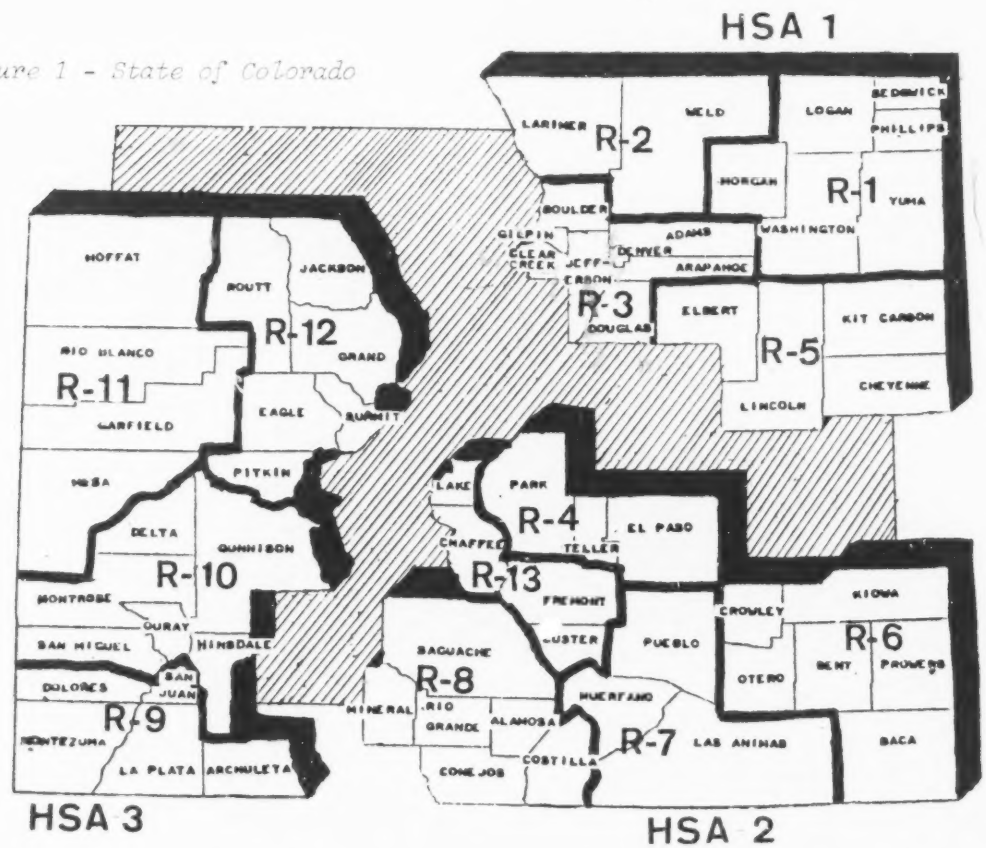
INTRODUCTION

This report provides a summary of Colorado Vital Statistics calculated from certificates of births, deaths, fetal deaths, adoptions, marriages and marriage dissolutions which occurred during the calendar year 1979 and which were registered in the Department of Health prior to April 15, 1980. Transcripts of records for persons who were born or died outside of their (or their parents') state of residence are routinely exchanged between the state of occurrence and the state of residence. This exchange allows the tabulation of births and deaths of Colorado residents to include those occurring in other states. Colorado occurrences, however, include only registered events occurring within Colorado, regardless of the state of residence.

Most of the tabulations are ordered first by Health Service Area, then Planning Region and finally County. These divisions are presented in Figure 1, and an alphabetical listing of Colorado's 63 counties identifying to which Health Service Area and region each belongs is provided in Appendix B. The three Health Service Areas were established in 1974. This ordering was adopted so that data for these entities could be presented in a coherent format without further duplication of tables.

Figure 1 - State of Colorado



More information, including data for cities, is available upon request to the Health Statistics Section of the Colorado Department of Health (address on title page). A list of tabulations that are processed routinely each year appears in Appendix C. Also, consideration will be given to requests for special tabulations.

POPULATION - Pages 1-6

The population figures used in this report are based on estimates prepared by the Colorado Division of Planning.

Estimation of population is based on two factors - the natural increase (births less deaths) and the net effect of in- and out-migration. The natural increase is known quite precisely from year to year, but migration is difficult to measure. Thus, many of the population figures and resulting growth rates published in previous years have been revised or are still subject to revision. Several counties, for which slight increases from their 1970 populations had been projected previously, are now considered to have lost population during this period:

COUNTY	REGION	1970 CENSUS	1978 EST. POP.	1979 EST. POP.
Washington	1	5,674	5,700	5,500
Kit Carson	5	7,530	7,700	7,400
Baca	6	5,674	5,700	5.500
Bent	6	6,493	6,400	6,100
Crowley	6	3,086	3,200	2,700
Otero	6	25,523	24,000	22,400
Las Animas	7	15,744	16,000	14,600
Conejos	8	7,846	7,900	7,600

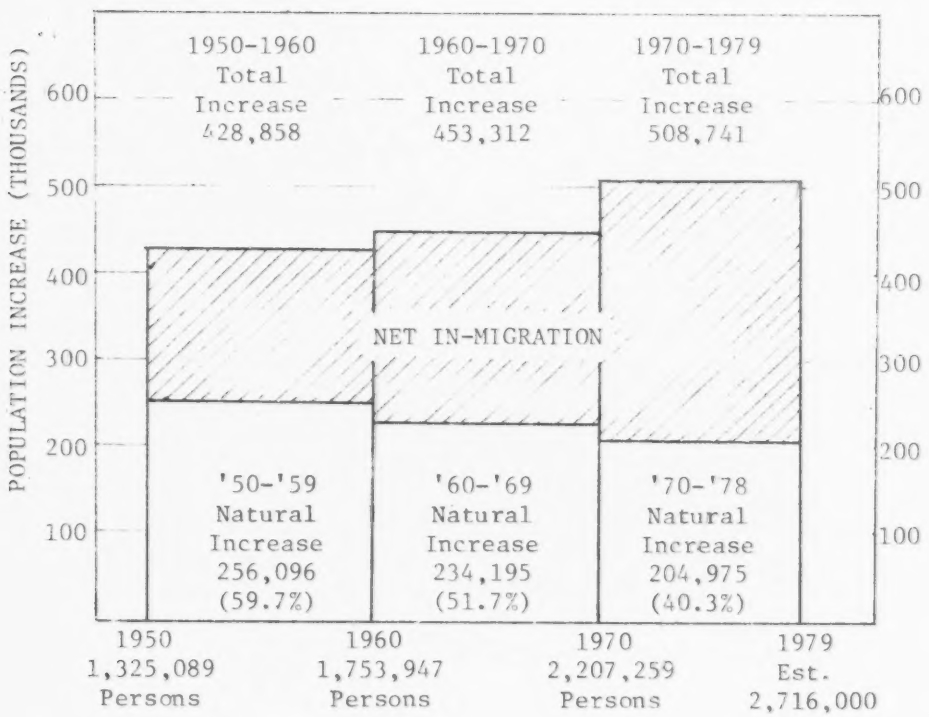
What may appear to be a substantial change from 1978 to 1979 is actually a change in the perception of trends throughout the decade as new information requires migration estimates be revised.

Rounding error compounds the problem, especially in sparsely populated counties. Mineral County, with a 1970 population of 786, was projected at 800 in 1978 and 700 in 1979. These produce growth rates of +1.8% for the period 1970-1978, and -10.9% for the period 1970-1979. Because of the continuing revision of estimates and artifacts of rounding error, the study of population trends should be approached with an appreciation of the limitations of these intercensal estimates.

Nonetheless, certain general trends in the state's growth are obvious. The rapid development of the northwestern mountain areas is in sharp contrast to the decline of agricultural areas in the eastern plains, possibly suggesting a shift in the state's economic base (see Figures 3 and 4). It is reminded, however, that both areas remain sparsely populated, and a dramatic population change expressed in percentages may reflect an actual change of only a few hundred persons. The densely populated front range area reflects a growth pattern similar to population centers across the country - substantial suburban growth while the older urban core (City and County of Denver) declines.

The state population used in analyzing the 1979 data is estimated to be 2,716,000. This figure represents an increase of 508,741 persons since the census of 1970 - a growth of 23.0%. Colorado ranks 28th of the 50 states in total population and, during the nine years since the census, has been the eighth fastest growing state. Figure 2 illustrates this growth from 1860 (sixteen years prior to statehood) to the present, along with the growth and decline of the City and County of Denver. Most notable is the substantial, steady increase beginning in 1950, despite a decreasing birth rate for the same period. In fact, when the yearly natural increases are combined for the intercensal periods and the period 1970 to 1979 and compared with the cumulative population increase, immigration is shown to have played an increasingly prominant role in Colorado's extended growth. The natural increase from 1950 through 1959 accounted for 59.7% of a total population increase of 428,858. It accounted for only 51.7% of an increase of 453,312 between 1960 and 1970, however, and 40.3% of the 508,741 increase between 1970 and 1979.

TOTAL POPULATION AND NATURAL INCREASES FOR TWO INTERCENSAL PERIODS AND 1970-1979.



	Occurring in Colorado	Occurring Out of State	Total Resident Births
Born to Colorado Residents	46,913	266	47,179
Born to Non-Residents	828		
Total Occurrences	47,741		

BIRTHS - Pages 7, 9-16, 19-26.

A total of 47,179 births to Colorado residents was recorded in 1979, 266 of which occurred out of state. A total of 47,741 occurred within Colorado, and of these, 828 were born to non-residents.

The 1979 total represents the greatest number of resident births ever recorded in Colorado. The previous high occurred in 1961, when a total of 44,648 were recorded. Following 1961, there was a steady decrease to 34,899 births in 1966, followed by an irregular increase to 1978 (see Table 4). The 1979 total of 47,179 represents a 7.1% increase over 1978 (44,063 resident births), compared to an estimated population increase of 2.0%. The 1979 birth rate of 17.4 births per 1,000 population has also been increasing since its 1974 low point of 15.1, but because the rate is based on a proportionately greater population, the rise in birth rate is not commensurate with the actual increase in births. The highest birth rate since such tabulations were begun in 1928 was 26.9 in both 1951 and 1952. While a high birth rate would be expected during this post-war period, it was also a period during which migration accounted for a smaller proportion of the growth in population.

Colorado's declining number of births from 1961-66, the upswing during the 1967-70 period, a decline again in the early 1970's and increase in the mid and late '70's reflects the trends for the nation as a whole. Because of a generally younger population, however, the state's birth rate is somewhat higher than that of the nation. The low number of births during the mid-60's probably was due in part to the low number of babies born during the early 1940's. The large number of babies born in the mid and late 1950's is now at prime childbearing age, and it would be expected that the birth rate would be increasing at a much faster rate than it is, were it not for in-migration inflating the population and thus depressing the birth rate. It also appears that many families are limiting their number of children: while there has been a substantial increase in marriages in Colorado, from about 17,000 in 1961 to 32,831 in 1979, an increasing proportion of births are to parents with no other children. In 1961, 24.9% of the births were firstborn children, compared to 45.0% of babies born in 1979, indicating that now fewer second, third, fourth and more children are being born.

Other indications of the change in the childbearing pattern are evident in the data below which show the delay in childbearing age. The single year of age of the mother at which most births occurred in 1979 is age 25, compared to 20 in 1967, and the proportion of births occurring to mothers under age 25 is less now than at any time in the past 12 years.

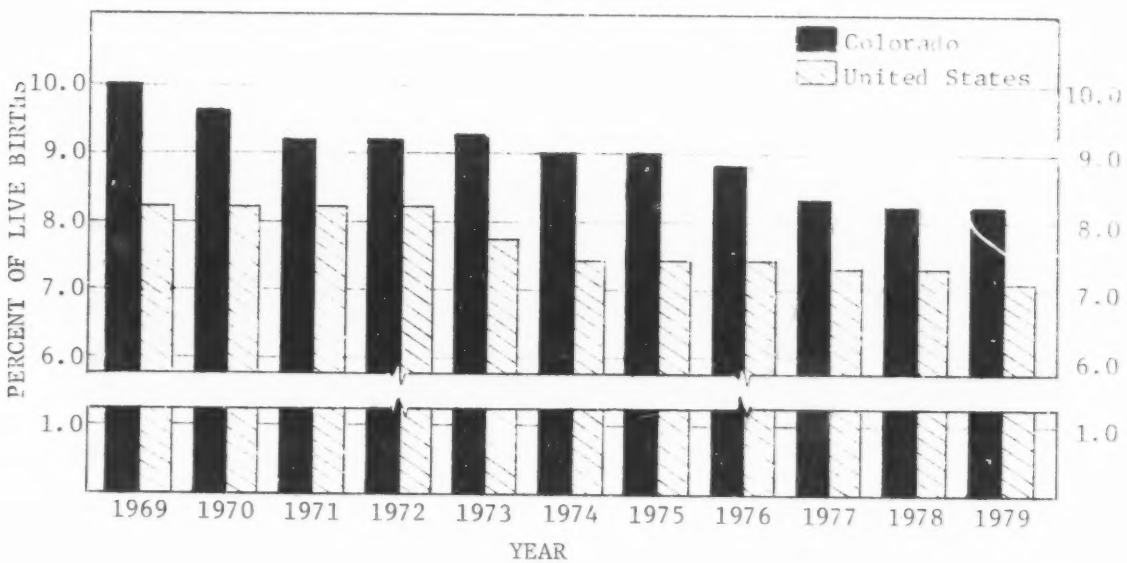
SINGLE YEAR AGE OF MOTHER AT WHICH MOST BIRTHS OCCURRED AND PERCENT OF BIRTHS UNDER AGE 25 - Colorado Residents, 1967-1979

	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Modal Age of Mother	20	21	22	23	24	25	24	22	23	23	24	24	25
Pct of Births to Mothers Under 25 Years of Age	54.9	56.4	55.8	56.9	57.5	55.4	55.0	54.0	52.9	50.9	49.5	48.5	47.4

The data for 1979 show that 98.6% of all resident births were attended by physician. Of the resident births occurring in Colorado, 99.0% were born in hospitals. The sex ratio for Colorado resident births in 1979 was 105.6 males to 100 females (51.4% male versus 48.6% female). The median weight of babies born in Colorado in 1979 was 7 pounds 2 ounces (3,233 grams) compared with 7 pounds 6 ounces (3,350 grams)(1978) in the United States as a whole.

A statistic of particular concern when compared with national data is the proportion of babies that are low birthweight, defined as 5-1/2 pounds (2,500 grams) or less. In Colorado in 1979 this ratio was 8.2% compared with a national figure of 7.1%. Although it has not been shown to be the only factor, there appears to be a strong relationship between altitude and low birthweight - the higher the altitude, the greater the proportion of low birthweight babies. In 1979 those counties whose populated areas average 8,000 feet elevation or higher shows 10.8% of their combined live births to be low birthweight. It is noted, however, that the proportion of low birthweight babies has decreased during the last ten years, being 10% or higher in 1969 and earlier years.

PERCENT LOW BIRTHWEIGHT - Colorado Residents and United States, 1969-1979



Illegitimate births, totalling 5,853 in 1979, represent an increase of 9.5% from a total of 5,343 in 1978. Because of a 7.1% increase in total births, however, the rate per 1,000 live births increased from 121.3 to 124.1. The rate has been increasing steadily since 1957 when it was 34.7. Prior to 1957, it fluctuated between a low of 20.4 in 1940 and a high of 41.2 in 1945. A factor in this increase has been the age distribution of the female population. The proportion of young women in their late teens has been increasing as a consequence of high birth rates during the early '60's, giving a proportionately large number of young women capable of childbearing but not yet married. This cannot wholly explain the trend in recent years, however, considering the increase in the median age of the general Colorado population (from 26.2 in 1970 to an estimated 28.6 in 1979), and the increasing number of marriages. Other factors may play a part, such as the apparent decline in family size, and it is difficult to discern changes in the incidence of illegitimacy from changes in the population to which it is compared. Of the illegitimate births in 1979, 66.7% were firstborn children compared to 66.0% of illegitimate births in 1978 and 69.5% of those in 1970.

Congenital malformations were recorded for 513 births in 1979 (see Table 18). This represents a rate of 10.9 per 1,000 live births, compared to a rate of 12.9 in 1970. Infant deaths attributed to congenital malformations numbered 109 in 1979.

FETAL DEATHS - Pages 11-12, 19-22, 27

A total of 404 fetal deaths of 20 weeks gestational age and over were recorded for Colorado residents (excluding induced abortions). Fetal deaths occurring in the state numbered 419, 15 of which were to non-residents.

FETAL DEATHS	Occurring in Colorado	Occurring Out of State	Total Residential Fetal Deaths
Parents were Colorado Residents	404	Not Available	404
Parents were Non-Residents	15		
Total Occurrence	419		

Records of spontaneous and induced fetal deaths are not exchanged between states.

Since 1968, the reporting of fetal deaths of all periods of gestation has been required by State law. The total fetal death ratio (including all periods of gestation but excluding induced abortions) has been decreasing steadily for the past nine years - 73.0 fetal deaths per 1,000 live births in 1969, and 46.2 in 1979. The 1979 ratio is based on a total of 2,182 reported fetal deaths of all gestational ages. It is likely that reporting of early fetal deaths is not complete, however, since the mother herself may not be aware she is pregnant, and no medical attendance is sought at the time of miscarriage. Reporting is more complete for fetal deaths of 20 or more weeks gestation: The 1979 ratio of 8.6 per 1,000 live births represents a substantial decrease from the 1969 ratio of 20.2.

The major interest in fetal death statistics concerns those fetal deaths which are included in the usual definition of perinatal mortality - death of a fetus of 20 weeks or more gestation and death of a liveborn infant before the 28th day of life. The perinatal death rate in 1979 was 14.8 perinatal deaths per 1,000 deliveries (live births and fetal deaths of 20 weeks gestation and over).

INDUCED ABORTIONS	Occurring in Colorado	Occurring Out of State	Total Resident Abortions
Colorado Resident	15,145	Not Available	15,145
Non-Residents	1,337		
Total Occurrences	16,482		

A total of 16,482 induced abortions were performed in Colorado in 1979, 1,337 of which were performed for non-residents.

The number of induced abortions reported in 1979

represents a 7.2% increase over that reported in 1978, and the 1978 total was a 19.2% increase over the year before. It is estimated, however, that during the past several years there has been substantial underreporting (perhaps as much as 25%) of induced abortions. Consequently, the trend is difficult to interpret accurately. It is assumed the 1979 figure of 16,482 is within 10% of the actual figure. The age distribution of women having induced abortions shows 30.4% under age 20 and 4.4% at age 35 years or more. For comparison, the same figures for live births show 13.8% under age 20 and 4.1% age 35 and over.

Table 21 presents the 1979 induced abortions by type of procedure and gestational age. It is cautioned that gestational age for both fetal deaths and induced abortions are calculated from the date of the event and the date of last normal menses as reported by the mother. Consecutive pregnancies, illness or simple misunderstanding on the part of the mother may introduce erroneous measurements, and implausible gestational ages have been noted.

DEATHS - Pages 8-14, 17-22, 28-40

	Colorado Residents	Non Residents	Total Occurrences
Occurred in Colorado	17,924	1,095	19,019
Occurred Out of State	484		
Total Residents	18,408		

In 1979, 19,019 reported deaths occurred in Colorado, including 1,095 non-residents. Deaths to Colorado residents totalled 18,408 in this year, 484 of which occurred out of state.

The 18,408 deaths of Colorado residents in 1979 is 0.5% higher than the 18,325 resident deaths in 1978, but because of the estimated increase in population the death rate (deaths per thousand population) declined from 6.9 to 6.8. The largest number of deaths ever recorded in Colorado occurred in 1973 when 18,633 residents died (7.5 deaths per thousand population). As shown in Table 25, the death rate had been declining steadily during the past several decades, but has remained about the same for the last five years.

Since records have been kept, the Colorado death rate has been consistently lower than the national rate. This probably is due to the fact that Colorado has a younger population than the nation as a whole, which is indicated also by the fact that death rates from chronic diseases are low for Colorado. However, one of the ten leading causes of death for which the rate in Colorado is consistently much higher than for the nation is suicide. The rate for 1979 in Colorado was 59.3% higher than for the national rate - 18.8 deaths per hundred thousand population compared to 11.8. The Colorado death rate due to accidents is also higher than that of the nation's - 50.8 deaths per hundred thousand population compared to 47.0. This also may be attributed to Colorado's younger population, since accidental deaths generally involve younger people. Table 29 reveals that 56.3% of the accidental deaths to Colorado residents occurred to persons under 35, and of the total 1,381 resident deaths due to accidents, 51.0% were due to motor vehicle accidents.

LEADING CAUSES OF DEATH FOR COLORADO RESIDENTS & UNITED STATES, 1979

CAUSE OF DEATH	COLORADO			UNITED STATES (Provisional)		
	Rank	Number	Rate*	Rank	Number	Rate*
Heart Disease	1	6,287	231.5	1	723,100	330.4
Cancer	2	3,597	132.4	2	401,450	183.5
Stroke	3	1,425	52.5	3	167,320	76.5
Accidents	4	1,381	50.8	4	102,740	47.0
Influenza and Pneumonia	5	608	22.4	5	43,770	20.0
Suicide	6	510	18.8	9	25,710	11.7
General Arteriosclerosis	7	391	14.4	8	28,410	13.0
Diabetes	8	274	10.1	6	32,780	15.0
Cirrhosis of the Liver	9	247	9.1	7	29,620	13.5
Conditions of the Perinatal Period	10	216	8.0	10	23,020	10.5
TOTAL		18,408	677.8		1,895,380	866.2

*Number of deaths per 100,000 population.

It should be noted that emphysema, which in 1968 was the 7th ranking cause of death in Colorado, causing 409 resident deaths, caused 179 deaths to Colorado residents in 1979 and is no longer among the ten leading causes of death.

The number of males who died in 1979 was 10,203 compared to 8,205 females. Male deaths exceed female deaths for every 5 year age group up to age 80, and the median age at time of death for males was 68.9 compared to 76.9 for females. Of the suicide deaths in 1979, 77.1% were to males, half of these being under 35. Males accounted for 71.5% of the accidental deaths occurring to Colorado residents in 1979, and 60.5% of these deaths occurred to men under 35. A large majority in all categories of the accidental or violent deaths reported in Table 29 occurred to males. Only in the case of accidental falls do the sexes appear equally susceptible, and of the female deaths in this category, 85.2% were to women over 65.

The four leading causes of death - heart disease, malignant neoplasms (cancer), cerebrovascular disease (stroke) and accidents - accounted for 68.9% of the 1979 deaths to Colorado residents. The following table shows the gain in life expectancy, if certain causes of deaths were eliminated, based on 1969-71 mortality figures.

GAIN IN EXPECTATION OF LIFE AT BIRTH DUE TO ELIMINATION OF SPECIFIED CAUSES OF DEATH, BY COLOR AND SEX: United States, 1969-71*

Cause of death	Total	White		All other	
		Male	Female	Male	Female
1. Infective and parasitic diseases	.17	.13	.12	.37	.32
2. Tuberculosis, all forms	.04	.03	.02	.14	.08
3. Malignant neoplasms	2.47	2.31	2.57	2.33	2.41
4. Malignant neoplasms of digestive organs	.60	.55	.62	.64	.61
5. Malignant neoplasms of respiratory system	.50	.69	.22	.66	.20
6. Diabetes	.24	.17	.28	.24	.55
7. Major cardiovascular-renal diseases	11.76	10.46	11.98	10.39	15.29
8. Diseases of the heart	5.86	6.14	5.17	5.29	6.29
9. Rheumatic fever and rheumatic heart disease	.12	.10	.14	.09	.12
10. Ischemic heart disease	5.06	5.45	4.40	4.17	4.89
11. Acute myocardial infarction	2.43	3.01	1.79	1.71	1.62
12. Cerebrovascular diseases	1.19	.86	1.36	1.36	2.16
13. Arteriosclerosis	.13	.09	.17	.09	.16
14. Nephritis and nephrosis	.07	.05	.05	.15	.17
15. Diseases of the respiratory system	.83	.86	.61	1.22	.96
16. Influenza and pneumonia	.47	.41	.40	.81	.70
17. Bronchitis, emphysema, and asthma	.20	.26	.10	.17	.10
18. Peptic ulcer	.06	.06	.04	.07	.04
19. Cirrhosis of the liver	.28	.30	.20	.46	.35
20. Congenital anomalies	.29	.30	.30	.26	.26
21. Certain diseases of early infancy	.82	.82	.66	1.19	1.05
22. Motor vehicle accidents	.70	.93	.41	.97	.37
23. All other accidents	.63	.76	.35	1.21	.54
24. Suicide	.26	.34	.18	.19	.08
25. Homicide	.23	.16	.06	1.46	.35

*Gain expressed in years.

Source: United States Life Tables by Causes of Death: 1969-71; U. S. Department of Health, Education and Welfare, National Center for Health Statistics; published in May, 1975.

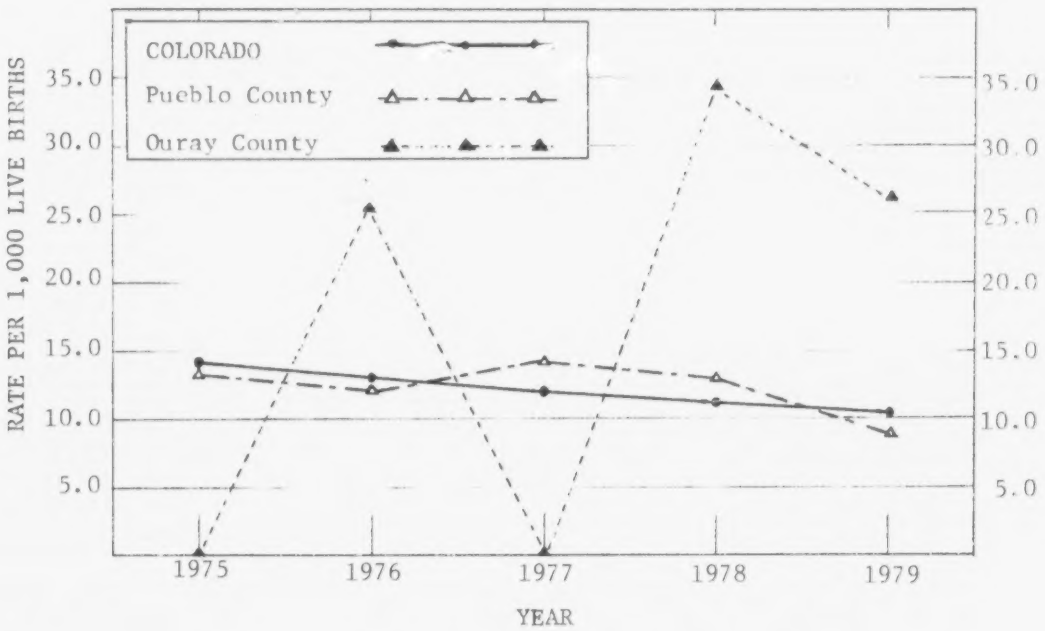
INFANT AND MATERNAL DEATHS - Pages 8-9, 11-14, 19-22, 28

The decrease in recent years in deaths related to pregnancy or childbirth is remarkable - from a rate of 41.1 resident deaths per 10,000 births in 1940 to 0.6 in 1979. Had the rate of maternal deaths that existed in 1940 been the same in 1979, there would have been 194 maternal deaths in Colorado rather than the three resident deaths that actually occurred.

The group of deaths most often compared among geographic areas or time periods are those deaths occurring in the first year of life. During the past 39 years there has been a substantial decrease in infant mortality in Colorado, from a rate of 59.5 infant deaths per 1,000 live births in 1940 to a rate of 10.5 in 1979. The current Colorado rate compares very favorably with the estimated national rate of 13.6, despite a higher rate of low birthweight infants. Of the 496 resident infant deaths, 109 were due to congenital malformations, 212 from conditions originating in the perinatal period, and 97 from sudden infant death syndrome.

The examination of infant death rates over time illustrates a difficulty in evaluating statistics based on small numbers of cases. Calculated rates for sparsely populated counties, particularly when describing relatively rare events should be interpreted with great caution because they can be greatly influenced by just one or two cases. For this reason, five year averages are presented for the counties, planning regions, and Health Service Areas in Table 8. The larger the denominator or base population from which a rate is described, the more stable the rate over time, as illustrated in the graphing of infant death rates for the state, a medium-sized county (Pueblo County - 120,900 population), and a very sparsely populated county (Ouray County - 1,600 population).

INFANT DEATH RATES FOR STATE OF COLORADO, PUEBLO COUNTY (120,900 population) AND OURAY COUNTY (1,600 population) - 1975-1979



MORBIDITY AND MORTALITY - Pages 39-40

Reported cases (morbidity) and resulting deaths (mortality) for selected notifiable diseases are presented on Table 30.

It is noted that reported cases of mumps numbered over 6,000 in 1940, compared to 117 in 1979. 1940 also saw 357 reported cases of diphtheria, compared to eight cases for the entire five year per od 1975-1979.

Reported cases of tuberculosis dropped from 565 in 1940 to 170 in 1979, and deaths attributed to this disease dropped from 457 to 14 for this same period. On the other hand, reported cases of influenza and streptococcal infections have shown very large increases since 1940; however, this may be due in part to changes in the practice of reporting the illness.

MARRIAGES AND DISSOLUTIONS - Pages 41-42

The marriage and marriage dissolution data in this report are reported by the county where the marriage license was obtained and where the dissolution took place. For both marriages and marriage dissolutions it is difficult to establish a usual place of residence that is common to both parties. For marriage dissolutions, State law does require a period of residence in a particular county for one of the parties, but there is no such requirement for the other party.

During 1979 there were 32,831 marriages and 16,498 marriage dissolutions and annulments reported in Colorado - a 5.5% increase in marriages and an 11.3% decrease in dissolutions from 1978. The number of marriages had increased steadily during past years until 1974 when a ten day waiting period was imposed between the date of the premarital blood test and issuance of the license. This requirement was repealed in 1975 and the number of marriages resumed an upward trend. It should be noted that on July 1, 1979 another change was made in premarital blood test requirements - now requiring the test for rubella and Rh only, and only for brides under age 45 who are physically capable of bearing children. However, this change probably will not significantly change the number of marriages performed in the state. Preliminary estimates for 1980 indicate there will be an increase in marriages to about 34,400. The number of dissolutions had increased steadily during the past years to a high of 20,557 in 1977 and has since declined. Preliminary estimates for 1980 show there will be an increase to about 17,500.

The numbers and rates of marriages and marriage dissolutions reported since 1969 are as follows:

MARRIAGES AND MARRIAGE DISSOLUTIONS - Colorado Occurrences, 1969-1979

Year	Marriages		Dissolutions and Annulments	
	Number	Rate*	Number	Rate*
1969	24,159	11.1	8,996	4.1
1970	25,000	11.3	10,400	4.7
1971	25,839	11.3	11,809	5.2
1972	27,095	11.5	12,604	5.3
1973	28,023	11.3	14,401	5.8
1974	26,061	10.1	15,104	5.8
1975	27,565	10.6	15,733	6.0
1976	28,601	10.9	17,520	6.7
1977	30,063	11.4	20,557	7.8
1978	31,129	11.7	18,590	7.0
1979	32,831	12.1	16,498	6.1

*Rate per 1,000 population

ADOPTIONS - Page 43

	Born in Colorado	Born out of State	Total Colorado Adoptions
Adopted in Colorado	2,037	946	2,983
Adopted out of State	549		
Total Colorado Births	2,586	All Processed Adoptions (Excluding 98 Foreign Born Adoptions) 3,532	

The term "adoptions" as used in this report includes all adoptions processed through court and reported to this office, and "legitimations" - the intermarriage of the natural parents following the birth of the child - and paternity adjudications through court. Adoption statistics have not appeared in previous reports, but will become a regular part of this and subsequent Annual Reports. The 3,532 adoptions processed by the Colorado Department of Health include 2,983 compiled through direct reporting from Colorado courts, 946 of which involved children born out of state, and 549 adoptions of children born in Colorado by parties in other states.

The 1979 adoption total includes 649 adoptions by both parents, 2,184 step-parent adoptions, 45 single-parent adoptions, 95 relative adoptions, and 559 legitimations and adjudications. A step-parent adoption involves either the father or mother adopting the children of the spouse. Both-parent adoptions, relative adoptions and single-parent adoptions are self-explanatory.

Adoptions of male children entailed 50.2% of the total. The sex of the child is evenly divided for all types of adoptions with the exception of single-parent adoptions, where female children comprise 64.4% of a total of 45. Age distributions are quite different for each type. Children under two years of age comprise 50.7% of both-parent adoptions and 75.8% of legitimations. Of the step-parent adoptions, however, 81.0% of the adopted children were over the age of five.

Totals for 1979 represent the number of adoptions that were processed in the Vital Statistics Office in 1979, rather than the number of adoptions for which 1979 is the year of decree. Of the 1979 total of 3,532 adoptions, 2,797 state the year of decree to be 1979, while 471 report it to be 1978, and 66 cite dates prior to 1970.

The total number of adoptions processed in 1979 for children born in Colorado (2,586) is slightly less than the 1978 total of 2,719. Total adoptions processed in 1970 numbered 3,686, compared to 2,078 in 1960. However, in 1970 and 1960 there was no routine reporting by courts so all adoptions processed were initiated by the parents or attorneys.

CERTIFIED COPIES - Page 44

An indicator of the volume of work done by the Records portion of a Vital Statistics office is the number of certified copies of vital records issued. There has been a steady increase in almost every year since counts of certified copies were first kept in 1940. It is interesting to note that a fee increase in 1954 (a doubling in fee from $1.00 to $2.00) sharply reduced the number of copies issued and a full recovery was not achieved until eight years later. The fee has not been changed since 1954.

The figures shown in this report are those for certified copies issued only by the State Office of Vital Statistics. This figure for fiscal year 1978-79 was 75,637. It is estimated that Local Registrars issued an equal number, so the total number of copies issued in 1979 was 150,000 divided equally between copies of birth certificates and death certificates. Compared to the 67,500 new records filed in 1979, this was an average of 2.2 copies issued for each record filed, but it should be noted that for births in particular most of the copies were of records filed in past years and not those filed in 1979. For deaths most of the copies issued are for deaths that occurred within the past year. These figures do not include verification of birth certificate data when copies are not issued, and do not include copies of records used for research or statistical purposes.

TABLE 1 - ESTIMATED POPULATION BY AGE AND SEX, AND MEDIAN AGE BY HEALTH SERVICE AREA, PLANNING REGION AND COUNTY - Colorado, 1979 Estimate

HSA Region County	Total Population	Age Group					Percent 65 Yrs & Over	Per Cent Male	Mdn Age 1970	Mdn Age 1979
		Under 5 Years	5-14 Years	15-24 Years	25-64 Years	65 Yrs & Over				
COLORADO	2,716,000	205,660	446,640	549,000	1,279,400	235,300	8.7	50.6	26.2	28.6
HSA I NE	1,861,700	139,020	310,560	368,360	893,540	150,210	8.1	50.1		
Region 1	62,700	4,790	10,580	11,640	28,530	7,160	11.4	49.9	30.4	30.7
Logan	19,300	1,450	3,190	4,430	9,200	1,030	5.3	50.1	26.8	27.4
Morgan	21,600	1,880	3,950	3,770	9,410	2,590	12.0	49.5	28.7	29.4
Phillips	4,300	270	670	640	1,940	780	18.1	50.2	37.2	37.5
Sedgwick	3,200	220	510	510	1,460	490	15.3	49.4	35.6	35.9
Washington	5,100	320	870	830	2,340	740	14.5	52.2	33.7	34.3
Yuma	9,200	650	1,380	1,460	4,170	1,540	16.7	49.3	35.8	35.8
Region 2	247,300	17,530	34,060	54,320	121,100	20,280	8.2	52.4	24.5	29.1
Larimer	135,900	9,370	17,490	31,750	65,750	11,550	8.5	52.7	24.5	28.5
Weld	111,400	8,170	16,580	22,570	55,350	8,740	7.8	52.0	24.6	29.7
Region 3	1,531,600	115,400	262,570	299,130	734,440	120,070	7.8	49.7	26.4	28.7
Adams	234,800	20,570	50,240	44,130	110,320	9,540	4.1	50.7	22.8	25.6
Arapahoe	262,800	20,080	48,580	48,800	130,110	15,230	5.8	50.2	25.6	28.3
Boulder	178,000	12,910	27,350	45,670	78,540	13,530	7.6	50.3	24.3	25.8
Clear Creek	6,300	500	1,050	930	3,210	620	9.8	52.1	28.7	31.0
Denver	462,700	32,040	62,470	94,940	215,690	57,560	12.4	48.1	28.6	30.1
Douglas	24,400	1,610	4,790	3,850	12,165	1,990	8.2	51.3	27.8	31.2
Gilpin	2,400	150	340	380	1,230	300	12.5	52.5	33.6	35.9
Jefferson	360,200	27,560	67,760	60,300	183,370	21,200	5.9	50.2	26.6	29.3
Region 5	20,100	1,310	3,340	3,270	9,480	2,700	13.4	51.3	31.8	32.9
Cheyenne	1,900	120	310	350	890	220	11.6	51.6	30.7	31.7
Elbert	6,300	340	1,110	960	2,930	970	15.4	51.7	33.6	34.7
Kit Carson	7,400	560	1,210	1,270	3,500	860	11.6	51.1	29.8	31.0
Lincoln	4,500	280	720	700	2,160	640	14.2	50.9	34.1	34.9
HSA II SE	581,600	47,390	99,200	125,030	259,780	50,210	8.6	52.2		
Region 4	301,700	25,418	50,490	70,090	138,350	17,260	5.7	54.4	23.6	25.7
El Paso	288,900	24,570	48,280	68,660	131,380	16,000	5.5	54.5	23.5	25.5
Park	5,300	330	920	580	2,970	510	9.6	54.0	33.7	35.3
Teller	7,500	520	1,290	950	4,000	750	10.0	51.7	30.7	32.9
Region 6	52,000	4,320	9,240	9,750	21,760	6,940	13.3	49.5	29.5	29.2
Baca	5,500	440	890	980	2,420	760	13.8	50.4	32.6	31.8
Bent	6,100	420	1,010	1,040	2,750	880	14.4	53.1	35.0	34.2
Crowley	2,700	180	430	430	1,160	500	18.5	49.6	37.4	36.9
Kiowa	1,800	130	310	310	840	220	12.2	50.0	32.1	31.7
Otero	22,400	1,900	4,170	4,240	9,120	2,980	13.3	48.5	28.3	28.3
Prowers	13,500	1,260	2,420	2,750	5,460	1,610	11.9	49.0	26.5	26.7

NOTE: Figures within the table may not add to the total due to the method used in estimation.

TABLE 1 - Continued

HSA Region County	Total Population	Age Group					Percent 65 Yrs & Over	Per Cent Male	Mdn Age 1970	Mdn Age 1979
		Under 5 years	5-14 Years	15-24 Years	25-64 Years	65 Yrs & Over				
Region 7	141,800	10,890	24,760	28,700	61,400	16,050	11.3	49.2	27.7	28.6
Huerfano	6,300	450	1,040	930	2,690	1,190	18.9	48.7	35.5	36.5
Las Animas	14,600	990	2,270	3,000	5,860	2,480	17.0	49.5	32.0	32.9
Pueblo	120,900	9,450	21,450	24,770	52,850	12,370	10.2	45.1	27.0	27.9
Region 8	37,300	3,180	6,880	8,310	15,180	3,750	10.1	50.1	24.0	25.5
Alamosa	11,900	950	1,870	3,530	4,580	960	8.1	50.0	23.1	24.0
Conejos	7,600	730	1,680	1,510	2,890	790	10.4	50.5	21.2	24.2
Costilla	3,000	230	580	620	1,190	380	12.7	49.7	24.9	27.1
Mineral	700	80	110	120	340	40	5.7	51.4	26.1	27.1
Rio Grande	10,300	880	1,930	1,830	4,520	1,150	11.2	50.0	27.1	28.8
Saguache	3,800	310	700	700	1,650	430	11.3	50.3	26.3	27.9
Region 13	48,800	3,580	7,830	8,080	23,100	6,210	12.7	52.0	30.8	31.6
Chaffee	12,300	960	2,160	2,230	5,670	1,290	10.5	52.0	28.4	29.6
Custer	1,500	80	220	210	770	220	14.7	49.3	40.5	40.1
Fremont	27,000	1,730	3,840	4,190	12,760	4,470	16.6	52.0	35.6	35.1
Lake	8,000	810	1,610	1,450	3,900	230	2.9	52.8	23.6	25.9
HSA III WEST	272,700	19,100	41,520	50,360	133,810	27,910	10.2	51.5		
Region 9	47,900	3,720	7,910	10,280	21,410	4,580	9.6	50.7	26.7	28.1
Archuleta	3,700	340	690	690	1,680	310	8.4	48.6	25.4	27.2
Dolores	1,600	120	270	310	750	150	9.4	51.9	27.9	29.3
La Plata	26,100	1,830	4,090	6,320	11,240	2,620	10.0	50.6	26.3	27.5
Montezuma	15,600	1,350	2,730	2,760	7,320	1,450	9.3	50.4	27.4	29.0
San Juan	900	80	140	200	430	60	6.7	54.4	26.3	27.7
Region 10	56,300	4,000	9,350	11,880	23,690	7,380	13.1	50.3	29.5	29.0
Delta	19,500	1,170	3,030	3,000	8,380	3,920	20.1	49.0	39.6	39.8
Gunnison	9,300	560	1,050	4,330	2,930	430	4.6	53.0	22.3	22.5
Hinsdale	500	20	70	60	270	80	16.0	52.0	40.0	39.2
Montrose	22,300	1,860	4,310	3,720	9,940	2,470	11.1	49.8	29.1	29.3
Ouray	1,600	120	290	240	760	190	11.9	49.4	31.2	30.8
San Miguel	3,100	280	600	520	1,420	290	9.3	52.6	27.3	27.7
Region 11	111,200	8,060	17,260	20,800	52,290	12,800	11.5	50.5	29.9	31.0
Garfield	20,400	1,540	3,110	3,770	9,660	2,320	11.4	50.9	30.0	30.9
Mesa	72,900	5,040	11,160	13,970	34,000	8,740	12.0	50.1	30.2	31.3
Moffat	12,200	1,020	2,090	1,870	5,950	1,280	10.5	51.0	29.7	31.2
Rio Blanco	5,700	460	900	1,200	2,680	470	8.2	53.3	26.9	28.5
Region 12	57,300	3,320	7,010	7,400	36,420	3,150	5.5	55.4	26.6	32.9
Eagle	14,300	1,040	1,900	1,920	8,690	740	5.2	54.8	24.6	31.4
Grand	7,200	360	850	860	4,630	510	7.1	55.6	29.6	37.0
Jackson	1,800	120	200	210	1,160	110	6.1	57.2	27.3	33.7
Pitkin	12,100	610	1,210	1,760	8,320	290	2.4	55.8	26.3	31.2
Routt	12,500	630	1,580	1,570	7,550	1,180	9.4	54.9	28.4	35.1
Summit	9,400	560	1,280	1,090	6,160	310	3.3	55.9	26.0	32.0

TABLE 2 - ESTIMATED POPULATION, POPULATION DENSITY, PERCENT CHANGE 1970-1979 BY HEALTH SERVICE AREA, PLANNING REGION AND COUNTY - Colorado, 1979 Estimate

HSA Region County	Estimated Population		Population Density		Percent Change 1970-1979	
	Number	Rank	Number	Rank	Percent	Rank
COLORADO	2,716,000	-	26.2	-	23.0	-
HSA I NE	1,861,700		63.6		24.1	
Region 1	62,700	6	6.8	8	3.5	10
Logan	19,300	19	10.6	26	2.4	40
Morgan	21,600	16	16.9	15.5*	7.4	37
Phillips	4,300	47	6.3	32	4.1	39
Sedgwick	3,200	50	5.9	34	-6.0	56
Washington	5,100	45	2.0	53.5*	-8.1	60
Yuma	9,200	32	3.9	38.5*	7.7	36
Region 2	247,300	3	34.1	3	38.0	2.5*
Larimer	135,900	7	52.0	7	51.2	16
Weld	111,400	9	27.8	10	24.8	27
Region 3	1,531,600	1	303.6	1	23.3	7
Adams	234,800	5	189.8	5	26.4	26
Arapahoe	262,800	4	329.7	3	62.1	12
Boulder	178,000	6	238.0	4	35.0	20
Clear Creek	6,300	39.0*	16.0	19	30.7	24
Denver	462,700	1	4870.5	1	-10.1	61
Douglas	24,400	13	28.9	9	190.2	2
Gilpin	2,400	54	16.2	18	88.7	9
Jefferson	360,200	2	460.0	2	54.6	15
Region 5	20,100	13	2.4	13	7.7	8
Cheyenne	1,900	55	1.1	59.5*	-20.7	63
Elbert	6,300	39.0*	3.4	41.0*	61.4	13
Kit Carson	7,400	36	3.4	41.0*	-1.7	47
Lincoln	4,500	46	1.7	55.5*	-6.9	58
HSA II SE	581,600		16.6		12.9	
Region 4	301,700	2	61.9	2	24.9	6
El Paso	288,900	3	133.9	6	22.4	30
Park	5,300	44	2.5	48.5*	142.6	4
Teller	7,500	35	13.6	22	126.2	5
Region 6	52,000	9	5.5	11	-0.4	12.5*
Baca	5,500	43	2.1	52	-3.1	51.5*
Bent	6,100	41	4.0	36.5*	-6.1	57
Crowley	2,700	53	3.4	41.0*	-12.5	62
Kiowa	1,800	56.5*	1.0	61	-1.1	45.5*
Otero	22,400	14	17.9	13	-4.7	55
Prowers	13,500	23	8.3	29	1.8	42

*Tied ranks.
Density = Average number of persons per square mile.

TABLE 2 - Continued

HSA Region County	Estimated Population		Population Density		Percent Change 1970-1979	
	Number	Rank	Number	Rank	Percent	Rank
Region 7	141,800	4	16.2	4	0.9	11
Huerfano	6,300	39.0*	4.0	36.5*	-4.4	54
Las Animas	14,600	21	3.0	43.5*	-7.3	59
Pueblo	120,900	8	50.3	8	2.3	41
Region 8	37,300	12	4.8	12	-0.4	42.5*
Alamosa	11,900	28	16.6	17	4.2	38
Conejos	7,600	34	6.0	33	-3.1	51.5*
Costilla	3,000	52	2.5	48.5*	-2.9	50
Mineral	700	62	0.8	62	-1.1	45.5*
Rio Grande	10,300	29	11.3	25	-1.8	48
Saguache	3,800	48	1.2	58	-0.7	44
Region 13	48,800	10	13.1	6	17.6	8
Chaffee	12,300	25	11.8	24	21.0	32
Custer	1,500	60	2.0	53.5*	33.9	23
Fremont	27,000	11	17.3	14	23.1	28
Lake	8,000	33	21.1	12	-3.4	53
HSA III WEST	272,700		6.9		42.3	
Region 9	47,900	11	7.3	7	28.2	4
Archuleta	3,700	49	2.7	46	35.4	19
Dolores	1,600	58.5*	1.6	57	2.5	49
La Plata	26,100	12	15.5	21	35.9	18
Montezuma	15,600	20	7.4	30	20.4	33
San Juan	900	61	2.3	51	8.3	35
Region 10	56,300	8	5.9	10	25.3	5
Delta	19,500	18	16.9	15.5*	27.8	25
Gunnison	9,300	31	2.9	45	22.7	29
Hinsdale	500	63	0.5	63	147.5	3
Montrose	22,300	15	10.0	27	21.4	31
Ouray	1,600	58.5*	3.0	43.5*	34.9	21
San Miguel	3,100	51	2.4	50	59.1	14
Region 11	111,200	5	7.8	6	38.0	2.5*
Garfield	20,400	17	6.8	31	37.6	17
Mesa	72,900	10	22.1	11	34.1	22
Moffat	12,200	26	2.6	47	87.0	10
Rio Blanco	5,700	42	1.7	55.5*	17.7	34
Region 12	57,300	7	6.3	9	98.6	1
Eagle	14,300	22	8.5	28	90.7	7
Grand	7,200	37	3.9	38.5*	75.3	11
Jackson	1,800	56.5*	1.1	59.5*	-0.6	43
Pitkin	12,100	27	12.4	23	95.6	6
Routt	12,500	24	5.4	35	89.6	8
Summit	9,400	30	15.6	20	252.7	1

TABLE 3 - POPULATION OF COLORADO AND CITY AND COUNTY OF DENVER - Census Years and 1979 Estimate

Year	Colorado Population	Population Change		Denver Population
		Number	Percent	
1860	34,277	-	-	4,749
1870	39,864	5,587	16.3	4,759
1880	194,327	154,463	387.5	35,629
1890	413,249	218,922	112.7	106,713
1900	539,700	126,451	30.6	133,859
1910	799,024	259,324	48.0	213,381
1920	939,629	140,605	17.6	256,491
1930	1,035,791	96,162	10.2	287,861
1940	1,123,296	87,505	8.4	322,412
1950	1,325,089	201,793	18.0	415,786
1960	1,753,947	428,858	32.4	493,887
1970	2,207,259	453,312	25.8	514,678
1979	2,716,000	508,741	23.0	462,700

(Colorado attained statehood in 1876; Denver was incorporated in 1861.)

FIGURE 2 - POPULATION OF COLORADO AND CITY AND COUNTY OF DENVER - Census Years and 1979

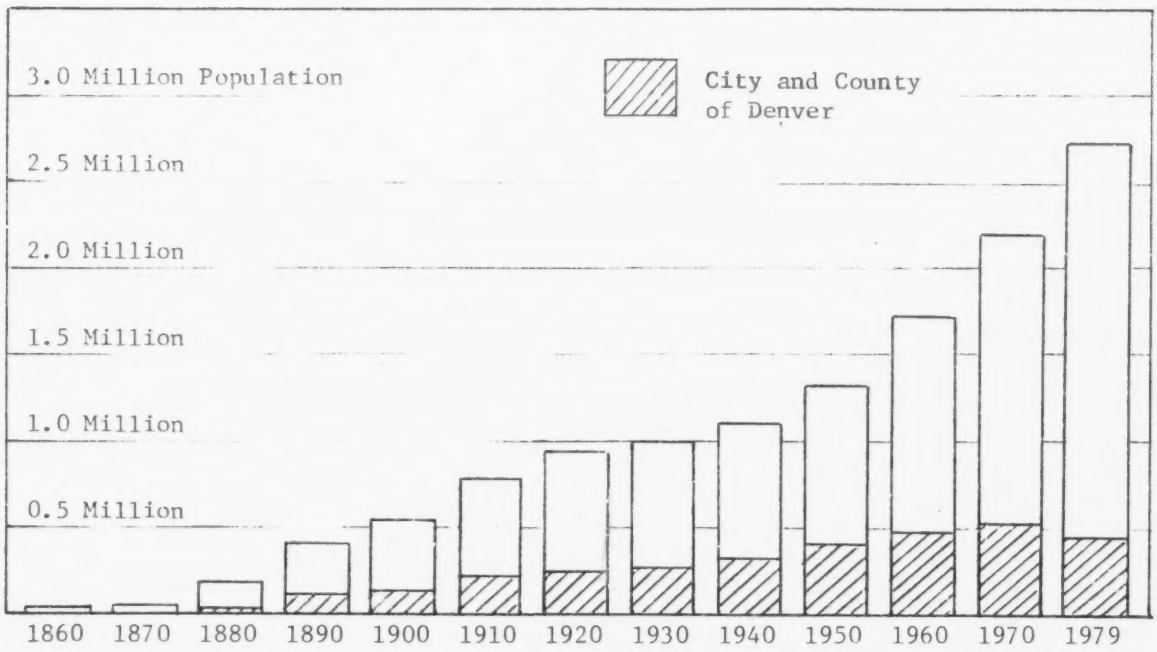


FIGURE 3 - PERCENT CHANGE IN POPULATION BY COUNTY, 1970 CENSUS AND 1979 ESTIMATE

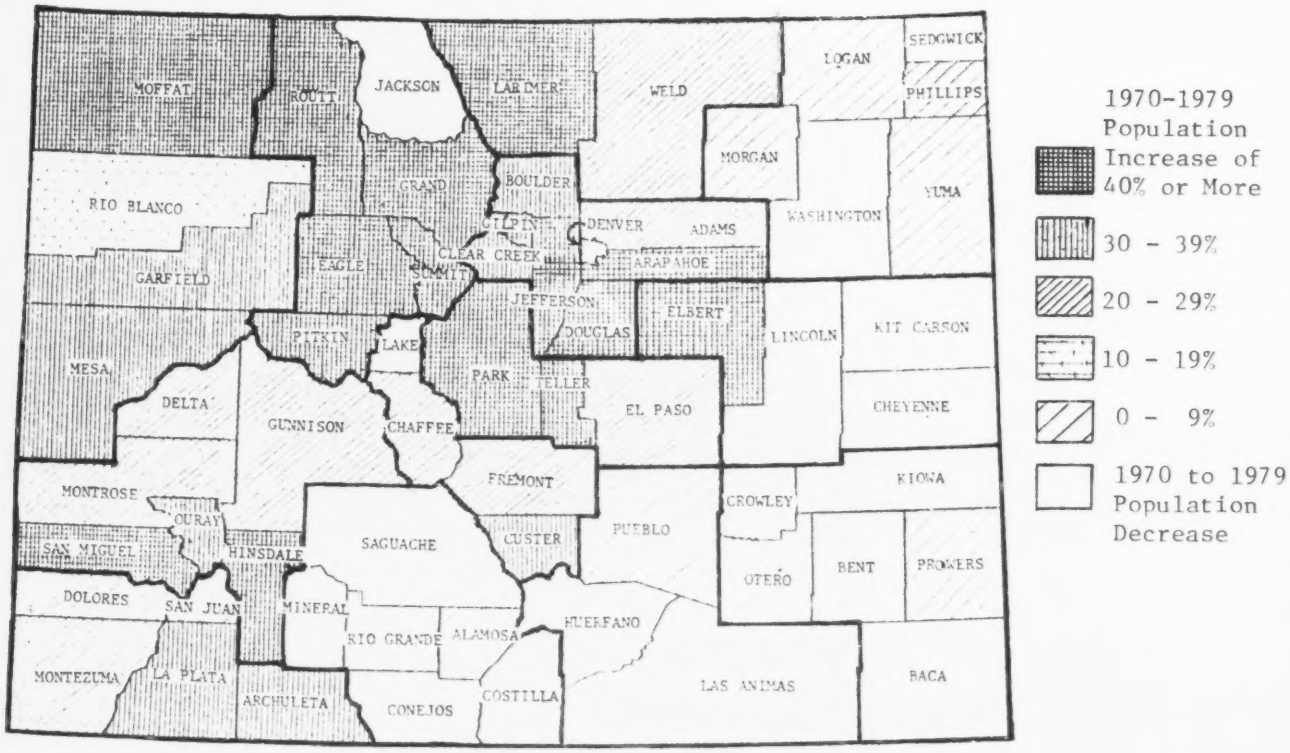


FIGURE 4 - POPULATION DENSITY BY COUNTY, 1979 ESTIMATE

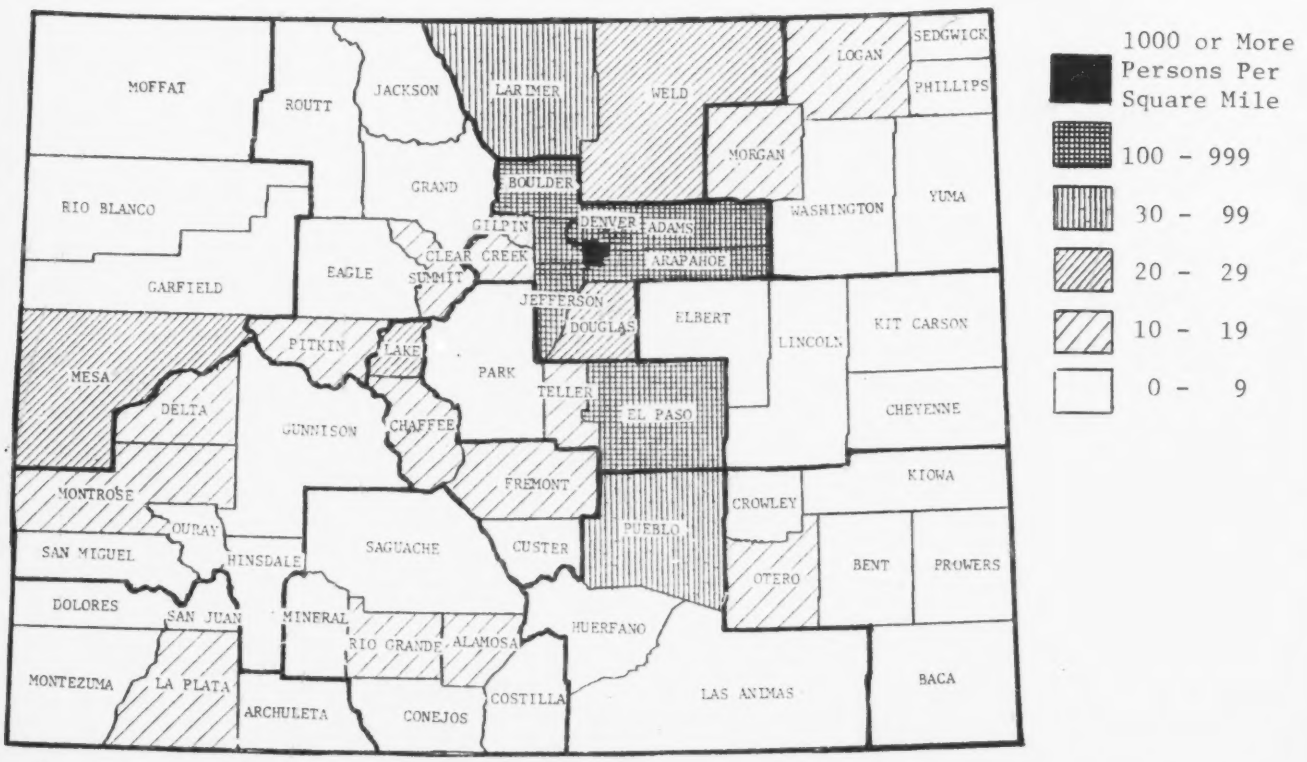


TABLE 4 - POPULATION, BIRTHS, ILLEGITIMATE BIRTHS - Colorado Residents and United States Rates, Selected Years, 1940 - 1979

YEAR	COLORADO POPULATION	TOTAL BIRTHS			ILLEGITIMATE BIRTHS		
		COLORADO		UNITED STATES	COLORADO		UNITED STATES
		Number	Rate**	Rate**	Number	Rate**	Rate**
1940	1,123,296	21416	19.1	17.9	436	20.4	37.9
1950	1,325,089	33853	25.5	23.6	1019	30.1	39.8
1951	1,328,000	35755	26.9	24.5	1074	30.0	39.1
1952	1,378,000	37137	26.9	24.7	1012	27.3	39.1
1953	1,454,000	37872	26.0	24.7	1207	31.0	41.2
1954	1,520,000	38906	25.6	24.9	1296	33.3	44.0
1955	1,583,000	39905	25.2	24.6	1233	30.9	45.3
1956	1,655,000	41553	25.1	24.9	1402	33.7	46.5
1957	1,693,000	41256	24.4	25.0	1433	34.7	47.4
1958	1,690,000	41890	24.8	24.3	1549	37.0	49.6
1959	1,727,000	41984	24.3	24.0	1665	39.7	52.0
1960	1,753,947	42905	24.5	23.7	1785	41.6	52.7
1961	1,840,000	44648	24.3	23.3	1955	43.8	56.3
1962	1,900,000	43594	22.9	22.4	2181	50.0	58.8
1963	1,940,000	42179	21.7	21.7	2339	55.5	63.3
1964	1,970,000	40537	20.6	21.0	2602	64.2	68.5
1965	1,990,000	36851	18.5	19.4	3018	81.9	77.4
1966	2,010,000	34899	17.4	18.4	3016	86.4	83.9
1967	2,050,000	35166	17.2	17.8	3139	89.3	90.3
1968	2,120,000	36842	17.4	17.5	3172	86.1	96.9
1969	2,170,000	39189	18.1	17.8	3686	94.1	100.2
1970	2,207,259	41480	18.8	18.4	3982	96.0	106.9
1971	2,301,540	40360	17.5	17.2	3831	94.9	112.9
1972	2,395,821	38585	16.1	15.6	3753	97.3	123.7
1973	2,490,102	38507	15.5	14.9	3849	100.0	129.8
1974	2,584,383	39036	15.1	14.9	3976	101.9	132.3
1975	2,600,949	40148	15.4	14.8	4244	105.7	142.5
1976	2,628,137	40978	15.6	14.8	4465	109.0	147.8
1977	2,636,000	43056	16.3	15.4	4903	113.9	155.0
1978	2,664,000	44063	16.5	15.3	5343	121.3	163.2
1979	2,716,000	47179	17.4	15.8	5853	124.1	***

*Population figures for 1940, 1950, 1960, and 1970 are census counts; for other years they are estimates as of July 1.
**Total birth rates are per 1,000 population; illegitimate birth rates are per 1,000 live births.
***United States data are not available at time of publication.

TABLE 5 - DEATHS, INFANT DEATHS, NEONATAL DEATHS, MATERNAL DEATHS - Colorado Residents and United States Rates, Selected Years, 1940 - 1979

YEAR	TOTAL DEATHS			INFANT DEATHS			NEONATAL DEATHS			MATERNAL DEATHS		
	COLORADO		U.S.	COLORADO		U.S.	COLORADO		U.S.	COLORADO		U.S.
	No.	Rate*	Rate*	No.	Rate*	Rate*	No.	Rate*	Rate*	No.	Rate*	Rate*
1940	12181	10.8	10.8	1275	59.5	47.0	707	33.0	28.8	88	41.1	37.6
1950	12222	9.2	9.6	1158	34.2	29.2	791	23.4	20.5	30	8.9	8.3
1951	12581	9.5	9.7	1192	33.3	28.4	864	24.2	20.0	28	7.8	7.5
1952	12837	9.3	9.6	1200	32.3	28.4	808	21.8	19.8	29	7.8	6.8
1953	12913	8.9	9.6	1246	32.9	27.8	894	23.6	19.6	21	5.5	6.1
1954	12914	8.5	9.2	1210	31.1	26.6	832	21.4	19.1	21	5.4	5.2
1955	13224	8.4	9.3	1204	30.2	26.4	892	22.4	19.1	18	4.5	4.7
1956	13728	8.3	9.4	1205	29.0	26.0	895	21.5	18.9	14	3.4	4.1
1957	14410	8.5	9.6	1251	30.3	26.3	947	23.0	19.1	15	3.6	4.1
1958	14391	8.5	9.5	1282	30.6	27.1	940	22.4	19.5	8	1.9	3.8
1959	14795	8.7	9.4	1213	28.9	26.4	934	22.2	19.0	20	4.8	3.7
1960	15351	8.8	9.5	1182	27.5	26.0	916	21.3	18.7	9	2.1	3.7
1961	15128	8.2	9.3	1169	26.2	25.3	875	19.6	18.4	12	2.7	3.7
1962	15992	8.4	9.5	1098	25.2	25.3	811	18.6	18.3	9	2.1	3.5
1963	16106	8.3	9.6	1096	26.0	25.2	816	19.3	18.2	13	3.1	3.6
1964	16400	8.3	9.4	1033	25.5	24.8	764	18.8	17.9	6	1.5	3.3
1965	16206	8.1	9.4	895	24.3	24.7	654	17.7	17.7	9	2.4	3.2
1966	16325	8.1	9.5	820	23.5	23.7	617	17.7	17.2	4	1.1	2.9
1967	16321	8.0	9.4	805	22.9	22.4	624	17.7	16.5	9	2.6	2.8
1968	17705	8.4	9.7	762	20.7	21.8	580	15.7	16.1	5	1.4	2.5
1969	17081	7.9	9.5	806	20.6	20.9	609	15.5	15.6	6	1.5	2.2
1970	17439	7.9	9.5	829	20.0	20.0	628	15.1	15.1	9	2.2	2.2
1971	17892	7.8	9.3	736	18.2	19.1	541	13.4	14.2	8	2.0	1.9
1972	17856	7.5	9.4	678	17.6	18.5	487	12.6	13.6	4	1.0	1.9
1973	18633	7.5	9.4	637	16.5	17.6	465	12.1	13.0	4	1.0	1.5
1974	17851	6.9	9.2	612	15.7	16.7	447	11.5	12.1	8	1.8	1.5
1975	17401	6.7	8.9	572	14.2	16.1	383	9.5	11.6	5	1.2	1.3
1976	17966	6.8	8.9	531	13.0	15.1	357	8.7	10.7	2	0.5	1.2
1977	17875	6.8	8.8	517	12.0	14.0	318	7.4	9.9	7	1.6	1.1
1978	18325	6.9	8.8	493	11.2	13.6	303	6.9	9.4	2	0.5	1.0
1979	18408	6.8	8.7	496	10.5	13.0	300	6.4	8.8**	3	0.6	1.0**

*Total death rates are per 1,000 population. Neonatal and infant death rates are per 1,000 live births. Maternal death rates for Colorado are per 10,000 live births.
**Provisional data for period January through November, 1979.

FIGURE 5 - BIRTH AND DEATH RATES - Colorado Residents, 1940-1979

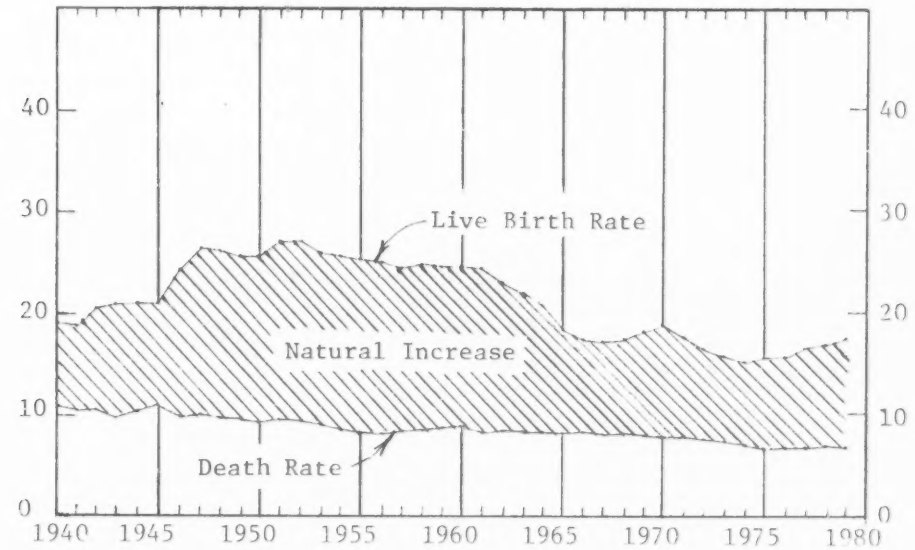
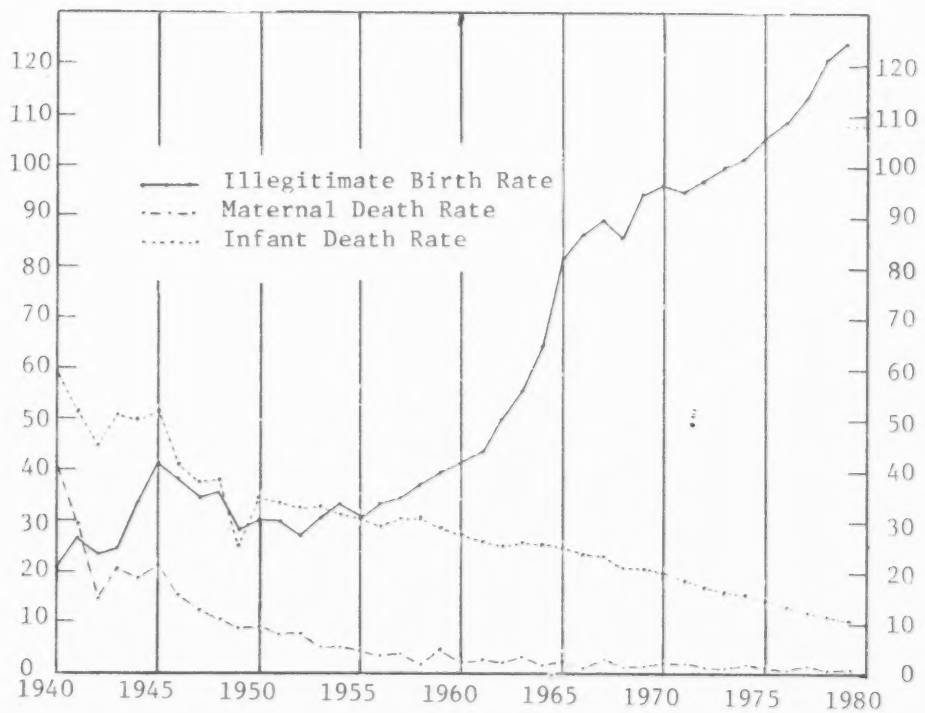


FIGURE 6 - INFANT AND MATERNAL DEATH RATES, ILLEGITIMATE BIRTH RATES - Colorado Residents, 1940-1979



*Infant death rates and illegitimate birth rates are per 1,000 live births; maternal death rates are per 10,000 live births.

TABLE 6 - TOTAL BIRTHS AND DEATHS FOR SELECTED INCORPORATED CITIES (1970 Population ≥ 2500) BY CITY OF RESIDENCE - Colorado, 1975-1979

	BIRTHS					DEATHS				
	1979	1978	1977	1976	1975	1979	1978	1977	1976	1975
COLORADO	47179	44063	43056	40978	40148	18408	18325	875	17966	17401
Alamosa	113	136	138	112	119	40	56	67	49	52
Arvada-Adams	38	32	28	42	47	3	3	2	3	5
Arvada-Jeff.	1246	1132	1196	1093	1089	377	318	297	286	283
Aurora-Adams	601	554	569	636	492	169	160	151	114	160
Aurora-Arapahoe	2272	2045	1676	1501	1497	411	402	344	326	293
Boulder	749	715	731	678	705	362	354	391	371	371
Brighton	237	280	237	227	244	104	94	101	103	93
Broomfield-Boulder	194	216	177	167	145	34	41	35	38	38
Broomfield-Jeff.	74	61	88	65	47	11	10	7	9	4
Brush	62	69	67	52	61	51	57	53	65	50
Burlington	45	52	54	48	51	28	41	40	35	30
Canon City	174	163	159	153	143	206	239	257	249	251
Colorado Spgs.	4101	3994	4131	4145	4222	1421	1284	1271	1286	1255
Commerce City	440	424	375	332	380	142	144	142	120	149
Cortez	154	127	158	112	151	73	75	77	59	56
Craig	205	169	151	158	95	56	72	60	51	42
Delta	76	82	80	74	63	66	50	68	64	53
Denver	7971	7674	7608	7375	7437	4530	4644	4519	4651	4580
Durango	162	152	178	134	173	95	94	100	92	104
Edgewater	64	69	71	80	63	26	44	43	33	41
Englewood*	700	632	576	516	631	344	308	274	313	345
Evans	97	104	100	83	78	24	29	22	22	17
Florence	48	51	44	43	34	44	38	62	48	48
Fort Collins	907	797	796	655	660	326	312	335	319	307
Fort Morgan	156	135	131	130	111	104	92	92	87	94
Fountain	204	203	190	204	211	33	32	28	31	36
Glenwood Springs	80	72	54	58	65	41	59	51	51	51
Golden	263	259	264	282	280	142	119	122	128	103
Grand Junction	518	459	432	458	430	272	334	355	322	279
Greeley	871	783	788	835	787	387	352	344	380	329
Gunnison	46	59	45	41	42	17	27	28	15	19
La Junta	151	170	158	186	155	95	102	128	106	105
Lafayette	206	152	123	92	113	41	48	29	33	38
Lakewood	1291	1258	1397	1252	1320	701	709	669	676	607
Lamar	163	148	170	182	126	80	93	79	77	96
Las Animas	45	56	49	53	45	34	31	38	50	45
Leadville	90	74	77	68	55	24	32	25	32	34
Littleton	516	494	438	434	455	275	252	259	225	229
Longmont	790	670	630	618	575	291	247	248	244	214
Loveland	522	449	428	422	357	228	234	210	248	219
Manitou Springs	52	48	65	60	54	29	31	33	30	39
Monte Vista	71	90	89	86	85	48	43	47	36	38
Montrose	173	149	130	144	119	96	91	87	100	91
Northglenn	367	419	417	387	405	112	95	95	93	90
Pueblo	1662	1587	1640	1547	1590	961	898	939	949	940
Rocky Ford	93	92	99	93	99	75	58	62	62	58
Salida	67	66	61	65	49	76	64	57	48	72
Sheridan	11	12	17	13	21	11	22	16	20	13
Sterling	217	194	199	196	184	109	106	105	149	115
Thornton	755	685	586	550	555	146	100	111	122	108
Trinidad	158	119	174	142	155	133	127	151	155	154
Walsenburg	65	54	53	64	60	58	45	66	72	69
Westminster	539	478	459	427	443	155	161	156	175	170
Wheat Ridge	343	317	342	350	346	266	299	282	291	255
Balance of State	15964	14582	13963	13058	12229	4425	4553	4245	4253	4064

*Includes Cherry Hills

TABLE 7 - TOTAL BIRTHS, LOW BIRTHWEIGHT BIRTHS, TOTAL DEATHS, INFANT, NEONATAL, FETAL (≥ 20 Weeks Gestation), PERINATAL DEATHS AND RATES BY HEALTH SERVICE AREA, PLANNING REGION AND COUNTY OF RESIDENCE - Colorado, 1979

HSA Region County	Live Births				Deaths									
	Total		Low Birthweight**		Total		Infant		Neonatal		Fetal ≥ 20 Weeks		Perinatal	
	No	Rate*	No	%	No	Rate*	No	Rate*	No	Rate*	No	Rate*	No	Rate*
COLORADO	47179	17.4	3855	8.2	18408	6.8	496	10.5	300	6.4	404	8.6	704	14.8
HSA I NE	31392	16.8	2550	8.1	12167	6.5	327	10.4	196	6.2	248	7.9	444	14.0
Region 1	1117	17.8	69	6.2	610	9.7	9	8.1	4	3.6	3	2.7	7	6.3
Logan	344	17.8	20	5.8	142	7.4	1	2.9	-	-	-	-	-	-
Morgan	416	19.3	30	7.2	213	9.9	4	9.6	2	4.8	1	2.4	3	7.2
Phillips	57	13.3	2	3.5	45	10.5	-	-	-	-	-	-	-	-
Sedgwick	44	13.8	2	4.5	40	12.5	-	-	-	-	-	-	-	-
Washington	72	14.1	2	2.8	68	13.3	1	13.9	1	13.9	-	-	1	13.7
Yuma	184	20.0	13	7.1	102	11.1	3	16.3	1	5.4	2	10.9	3	16.1
Region 2	4335	17.5	312	7.2	1530	6.2	45	10.4	27	6.2	33	7.6	60	13.7
Larimer	2288	16.8	170	7.4	794	5.8	18	7.9	11	4.8	17	7.4	28	12.1
Weld	2047	18.4	142	6.9	736	6.6	27	13.2	16	7.8	16	7.8	32	15.5
Region 3	25622	16.7	2145	8.4	9837	6.4	265	10.3	161	6.3	208	8.1	369	14.3
Adams	4589	19.5	424	9.2	1229	5.2	64	13.9	35	7.6	33	7.2	68	14.7
Arapahoe	4436	16.9	360	8.1	1223	4.7	41	9.2	30	6.8	36	8.1	66	14.8
Boulder	2581	14.5	188	7.3	886	5.0	26	10.1	11	4.3	11	4.3	22	8.5
Clear Creek	174	27.6	15	8.6	35	5.6	-	-	-	-	-	-	-	-
Denver	7971	17.2	734	9.2	4530	9.8	84	10.5	57	7.2	88	11.0	145	18.0
Douglas	364	14.9	22	6.0	95	3.9	2	5.5	2	5.5	3	8.2	5	13.6
Gilpin	35	14.6	3	8.6	15	6.3	-	-	-	-	-	-	-	-
Jefferson	5472	15.2	399	7.3	1824	5.1	48	8.8	26	4.8	37	6.8	63	11.4
Region 5	318	15.8	24	7.5	190	9.5	8	25.2	4	12.6	4	12.6	8	24.8
Cheyenne	47	24.7	1	2.1	30	15.8	2	42.6	-	-	-	-	-	-
Elbert	89	14.1	6	6.7	37	5.9	3	33.7	2	22.5	3	33.7	5	54.3
Kit Carson	127	17.2	11	8.7	57	7.7	3	23.6	2	15.7	-	-	2	15.5
Lincoln	55	12.2	6	10.9	66	14.7	-	-	-	-	1	18.2	1	17.9
HSA II SE	10825	19.9	920	8.5	4451	8.2	125	11.5	80	7.4	110	10.2	190	17.4
Region 4	5980	19.8	519	8.7	1765	5.9	76	12.7	48	8.0	59	9.9	107	17.7
El Paso	5732	19.8	493	8.6	1702	5.9	72	12.6	45	7.9	56	9.8	101	17.4
Park	112	21.1	14	12.5	20	3.8	-	-	-	-	1	8.9	1	8.8
Teller	136	18.1	12	8.8	43	5.7	4	29.4	3	22.1	2	14.7	5	36.2
Region 6	921	17.7	54	5.9	535	10.3	13	14.1	9	9.8	11	11.9	20	21.5
Baca	73	13.3	2	2.7	56	10.2	1	13.7	1	13.7	-	-	1	13.5
Bent	92	15.1	4	4.3	44	7.2	-	-	-	-	1	10.9	1	10.8
Crowley	46	17.0	1	2.2	27	10.0	-	-	-	-	1	21.7	1	21.3
Kiowa	33	18.3	2	6.1	25	13.9	-	-	-	-	2	60.6	2	57.1
Otero	390	17.4	26	6.7	264	11.8	7	17.9	4	10.3	6	15.4	10	25.3
Prowers	287	21.3	19	6.6	119	8.8	5	17.4	4	13.9	1	3.5	5	17.4

*Birth and death rates are per 1,000 population. Infant, neonatal and fetal death rates are per 1,000 live births; perinatal death rate is per 1,000 live births and fetal deaths of 20 weeks or more gestation.

** Low birthweight is 5 lbs. 8 ozs. or less.

TABLE 7 - Continued

HSA Region County	Live Births				Deaths									
	Total		Low Birthweight**		Total		Infant		Neonatal		Fetal ≥ 20 Weeks		Perinatal	
	No	Rate*	No	%	No	Rate*	No	Rate*	No	Rate*	No	Rate*	No	Rate*
Region 7	2341	16.5	187	8.0	1330	9.4	18	7.7	13	5.6	15	6.4	28	11.9
Huerfano	100	15.9	9	9.0	81	12.9	-	-	-	-	-	-	-	-
Las Animas	230	15.8	18	7.8	170	11.6	1	4.3	1	4.3	1	4.3	2	8.7
Pueblo	2011	16.6	160	8.0	1079	8.9	17	8.5	12	6.0	14	7.0	26	12.8
Region 8	707	19.0	73	10.3	313	8.4	6	8.5	4	5.7	12	17.0	16	22.3
Alamosa	205	17.2	17	8.3	66	5.5	1	4.9	1	4.9	4	19.5	5	23.9
Conejos	173	22.8	16	9.2	57	7.5	1	5.8	-	-	6	34.7	6	33.5
Costilla	50	16.7	4	8.0	25	8.3	-	-	-	-	-	-	-	-
Mineral	11	15.7	-	-	5	7.1	-	-	-	-	-	-	-	-
Rio Grande	176	17.1	24	13.6	123	11.9	4	22.7	3	17.0	2	11.4	5	28.1
Saguache	92	24.2	12	13.0	37	9.7	-	-	-	-	-	-	-	-
Region 13	876	18.0	87	9.9	508	10.4	12	13.7	6	6.8	13	14.8	19	21.4
Chaffee	249	20.2	24	9.6	123	10.0	8	32.1	6	24.1	4	16.1	10	39.5
Custer	35	23.3	8	22.9	7	4.7	1	28.6	-	-	-	-	-	-
Fremont	403	14.9	28	6.9	341	12.6	1	2.5	-	-	9	22.3	9	21.8
Lake	189	23.6	27	14.3	37	4.6	2	10.6	-	-	-	-	-	-
HSA III WEST	4962	18.2	385	7.8	1790	6.6	44	8.9	24	4.8	46	9.3	70	14.0
Region 9	884	18.5	65	7.4	356	7.4	10	11.3	7	7.9	9	10.2	16	17.9
Archuleta	64	17.3	4	6.3	29	7.8	1	15.6	1	15.6	-	-	1	15.4
Dolores	35	21.9	2	5.7	11	6.9	-	-	-	-	-	-	-	-
La Plata	461	17.7	38	8.2	177	6.8	7	15.2	6	13.0	5	10.8	11	23.6
Montezuma	306	19.6	20	6.5	135	8.7	2	6.5	-	-	3	9.8	3	9.7
San Juan	18	20.0	1	5.6	4	4.4	-	-	-	-	1	55.6	1	52.6
Region 10	971	17.2	85	8.8	461	8.2	10	10.3	6	6.2	7	7.2	13	13.3
Delta	313	16.1	29	9.3	225	11.5	4	12.8	1	3.2	-	-	1	3.2
Gunnison	120	12.9	7	5.8	22	2.4	-	-	-	-	2	16.7	2	16.4
Hinsdale	6	12.0	-	-	4	8.0	-	-	-	-	-	-	-	-
Montrose	429	19.2	41	9.6	178	8.0	5	11.7	5	11.7	5	11.7	10	23.0
Ouray	36	22.5	3	8.3	16	10.0	1	27.8	-	-	-	-	-	-
San Miguel	67	21.6	5	7.5	16	5.2	-	-	-	-	-	-	-	-
Region 11	2193	19.7	150	6.8	780	7.0	19	8.7	8	3.6	22	10.0	30	13.6
Garfield	421	20.6	30	7.1	140	6.9	5	11.9	2	4.8	2	4.8	4	9.5
Mesa	1327	18.2	84	6.3	539	7.4	11	8.3	5	3.8	13	9.8	18	13.4
Moffat	300	24.6	28	9.3	65	5.3	2	6.7	1	3.3	4	13.3	5	16.4
Rio Blanco	145	25.4	8	5.5	36	6.3	1	6.9	-	-	3	20.7	3	20.3
Region 12	914	16.0	85	9.3	193	3.4	5	5.5	3	3.3	8	8.8	11	11.9
Eagle	268	18.7	26	9.7	52	3.6	2	7.5	2	7.5	3	11.2	5	18.5
Grand	146	20.3	15	10.3	32	4.4	-	-	-	-	-	-	-	-
Jackson	34	18.9	6	17.6	14	7.8	-	-	-	-	-	-	-	-
Pitkin	96	7.9	6	6.3	32	2.6	1	10.4	-	-	1	10.4	1	10.3
Routt	235	18.8	20	8.5	54	4.3	2	8.5	1	4.3	1	4.3	2	8.5
Summit	135	14.4	12	8.9	9	1.0	-	-	-	-	3	22.2	3	21.7

TABLE 8 - FIVE YEAR AVERAGE BIRTH, LOW BIRTHWEIGHT, DEATH AND INFANT DEATH RATES BY HEALTH SERVICE AREA, PLANNING REGION AND COUNTY OF RESIDENCE - Colorado 1975-1979

HSA Region County	Total Births		Low Birthweight		Total Deaths		Infant Deaths	
	Rate*	Rank	Rate**	Rank	Rate*	Rank	Rate**	Rank
COLORADO	16.3	-	84.9	-	6.8	-	12.1	-
HSA I NE	15.7		83.7		6.5		11.4	
Region 1	16.6	6	66.7	12	9.6	3	10.9	11.5
Logan	16.1	38	62.2	57	8.1	28	10.0	42
Morgan	16.5	32	71.0	51	8.9	21	11.0	32
Phillips	15.6	40.5	64.0	56	12.4	5	8.7	47.5
Sedgwick	14.9	47.5	47.1	62	11.0	9	3.9	61
Washington	13.2	57	58.7	60	9.8	13	8.0	52.5
Yuma	17.8	20.0	73.4	45	12.5	4	16.2	16
Region 2	15.6	10.5	73.3	11	6.1	11	10.9	11.5
Larimer	14.9	47.5	72.6	47	6.0	44	8.5	50
Weld	16.4	34.0	73.9	43.5	6.1	43	13.3	23
Region 3	15.7	8.5	86.2	8	6.4	10	11.5	9.5
Adams	19.1	10.5	88.9	26	5.0	54.0	13.4	24.5
Arapahoe	16.4	34.0	81.0	37	4.8	56	10.4	40
Boulder	13.6	55.5	75.2	42	5.0	54.0	10.2	41
Clear Creek	25.0	1	130.8	4	5.6	48.5	6.8	55
Denver	15.3	45.5	98.6	17	9.2	19	12.7	27
Douglas	14.2	52	73.9	43.5	4.3	59	8.6	49
Gilpin	18.5	15	101.7	14	6.5	40	22.6	5
Jefferson	14.7	49	72.9	46	5.2	51	9.4	44.5
Region 5	15.7	8.5	77.1	9	8.6	6	18.4	1
Cheyenne	17.9	18	69.0	53	10.0	11	24.6	3
Elbert	14.6	50	72.4	49	5.8	46.5	21.0	8.5
Kit Carson	18.0	17	77.3	39	8.6	24	20.0	10
Lincoln	12.3	60	87.2	31	11.5	8	6.7	56
HSA II SE	17.6		88.9		7.4		14.0	
Region 4	19.2	1	88.3	5	5.5	12	14.4	3.5
El Paso	19.2	9	87.5	29	5.5	50	14.3	22
Park	18.7	13	119.9	8	5.6	48.5	10.9	33.5
Teller	16.2	36.5	107.1	12	6.6	39	21.0	8.5
Region 6	16.7	5	65.0	13	10.3	2	13.1	7
Baca	15.7	39	60.7	59	9.5	16	13.0	26
Bent	14.0	53	75.9	41	9.0	20	13.4	24.5
Crowley	14.4	51	68.7	54	12.8	2	17.2	13
Kiowa	17.0	25	58.1	61	9.6	14.5	5.8	60
Otero	16.4	34.0	61.1	58	10.8	10	12.6	28
Prowers	19.3	8	68.6	55	9.6	14.5	14.8	20

*Birth and death rates are per 1000 population per year.
**Low birthweight (≤ 5 lbs. 8 oz.) and infant death rates are per 1000 live births per year.

TABLE 8 - Continued

HSA Region County	Total Births		Low Birthweight		Total Deaths		Infant Deaths	
	Rate*	Rank	Rate**	Rank	Rate*	Rank	Rate**	Rank
Region 7	13.3	13	88.4	4	9.0	4.5	13.5	5
Huerfano	15.3	45.5	91.1	23	12.7	3	15.8	17
Las Animas	13.9	54	93.5	21	12.0	6.5	22.7	4
Pueblo	15.5	43.0	87.7	28	8.4	26.0	12.3	29
Region 8	17.6	3.5	107.3	2	7.6	8	13.3	6
Alamosa	16.6	30.5	87.3	30	5.9	45	11.5	30.5
Conejos	20.0	7	94.4	19	7.2	36.5	15.5	18
Costilla	16.2	36.5	139.1	3	7.7	31.5	7.5	54
Mineral	11.1	62	195.7	1	5.1	52	21.7	6
Rio Grande	16.6	30.5	128.2	6	9.9	12	16.6	14.5
Saguache	21.1	4	108.0	11	7.6	33	9.4	44.5
Region 13	15.6	10.5	108.4	1	10.9	1	14.4	3.5
Chaffee	16.7	27.5	109.1	10	9.3	18	26.5	2
Custer	15.6	40.5	117.6	9	7.3	35	9.8	43
Fremont	13.6	55.5	90.6	24	13.9	1	10.7	37.0
Lake	20.2	6	143.4	2	4.6	57	8.3	51
HSA III WEST	16.6		84.1		7.4		12.0	
Region 9	17.6	3.5	87.2	6.5	7.5	3	16.0	2
Archuleta	18.9	12	126.5	7	6.3	41	21.1	7
Dolores	19.1	10.5	69.2	52	7.8	29.5	6.3	58.0
La Plata	16.7	27.5	85.8	34	7.2	36.5	14.9	19
Montezuma	18.2	16	82.8	36	8.4	26.0	16.6	14.5
San Juan	23.7	2	76.2	40	7.7	31.5	28.6	1
Region 10	16.1	7	87.2	6.5	9.0	4.5	12.3	8
Delta	15.5	43.0	72.5	48	12.0	6.5	10.7	37.0
Gunnison	12.2	61	89.7	25	4.0	60	14.7	21
Hinsdale	13.1	58	35.7	63	9.4	17	-	62.5
Montrose	17.8	20.0	85.4	35	8.8	22	11.5	30.5
Ouray	17.8	20.0	93.2	22	8.4	26.0	18.6	12
San Miguel	18.6	14	100.0	15	6.2	42	8.7	47.5
Region 11	17.7	8	75.9	10	8.3	7	11.5	9.5
Garfield	17.6	22	78.3	38	7.8	29.5	10.8	35
Mesa	16.7	27.5	72.1	50	8.7	23	10.5	39
Moffat	22.9	3	86.3	32	7.1	38	19.3	11
Rio Blanco	21.0	5	85.9	33	7.4	34	8.9	46
Region 12	15.0	12	97.2	3	3.9	13	8.2	13
Eagle	16.7	27.5	93.7	20	3.9	61	10.7	37.0
Grand	17.3	23.5	99.4	16	4.4	58	8.0	52.5
Jackson	12.9	59	128.6	5	5.8	46.5	-	62.5
Pitkin	9.1	63	88.4	27	3.0	62	6.3	58.0
Routt	17.3	23.5	94.8	18	5.0	54.0	6.3	58.0
Summit	15.5	43.0	105.3	13	2.5	63	10.9	33.5

TABLE 9 - BIRTHS BY RACIAL GROUP AND SEX BY HEALTH SERVICE AREA, PLANNING REGION AND COUNTY OF RESIDENCE - Colorado, 1979

HSA Region County	TOTAL	Total Births		Anglo White		Spanish Surname		Black		American Indian		Other	
		M	F	M	F	M	F	M	F	M	F	M	F
COLORADO	47179	24267	22912	18781	17766	3577	3374	1125	1127	245	225	539	420
HSA I NE	31392	16145	15247	12509	11826	2282	2158	808	821	174	151	372	291
Region 1	1117	584	533	499	470	79	58	1	-	2	3	3	2
Logan	344	177	167	152	149	22	18	1	-	1	-	1	-
Morgan	416	222	194	180	162	41	31	-	-	1	1	-	-
Phillips	57	32	25	27	23	5	1	-	-	-	-	-	1
Sedgwick	44	23	21	16	18	5	3	-	-	-	-	2	-
Washington	72	32	40	30	38	2	1	-	-	-	-	-	1
Yuma	184	98	86	94	80	4	4	-	-	-	2	-	-
Region 2	4335	2277	2058	1847	1691	364	314	18	13	6	12	42	28
Larimer	2288	1212	1076	1060	950	106	88	10	6	2	9	34	23
Weld	2047	1065	982	787	741	258	226	8	7	4	3	8	5
Region 3	25622	13116	12506	10004	9522	1831	1780	789	808	166	135	326	261
Adams	4589	2351	2238	1845	1715	355	349	71	120	38	27	42	27
Arapahoe	4436	2238	2198	1946	1945	111	117	107	70	23	28	51	38
Boulder	2581	1340	1241	1133	1063	146	123	10	18	10	6	41	31
Clear Creek	174	88	86	74	81	11	5	-	-	1	-	2	-
Denver	7971	4063	3908	2237	2141	1041	1022	577	577	64	52	144	116
Douglas	364	187	177	178	166	4	11	1	-	4	-	-	-
Gilpin	35	18	17	17	16	-	-	-	-	1	-	-	1
Jefferson	5472	2831	2641	2574	2395	163	153	23	23	25	22	46	48
Region 5	318	168	150	159	143	8	6	-	-	-	1	1	-
Cheyenne	47	23	24	23	24	-	-	-	-	-	-	-	-
Elbert	89	44	45	42	42	2	2	-	-	-	1	-	-
Kit Carson	127	71	56	66	52	5	4	-	-	-	-	-	-
Lincoln	55	30	25	28	25	1	-	-	-	-	-	1	-
HSA II SE	10825	5552	5273	3981	3805	1081	1018	314	304	30	36	146	110
Region 4	5980	3037	2943	2356	2294	251	245	285	279	18	26	127	99
El Paso	5732	2916	2816	2238	2171	248	242	285	279	18	25	127	99
Park	112	59	53	57	51	2	1	-	-	-	1	-	-
Teller	136	62	74	61	72	1	2	-	-	-	-	-	-
Region 6	921	452	469	292	316	155	148	3	1	-	1	2	3
Baca	73	29	44	25	34	4	9	-	-	-	-	-	1
Bent	92	48	44	30	34	16	10	1	-	-	-	1	-
Crowley	46	30	16	21	12	9	4	-	-	-	-	-	-
Kiowa	33	8	25	8	25	-	-	-	-	-	-	-	-
Otero	390	201	189	115	104	84	83	1	-	-	1	1	1
Prowers	287	136	151	93	107	42	42	1	1	-	-	-	1

TABLE 9 - Continued

HSA Region County	TOTAL	Total Births		Anglo White		Spanish Surname		Black		American Indian		Other	
		M	F	M	F	M	F	M	F	M	F	M	F
Region 7	2341	1221	1120	718	637	463	453	26	22	6	5	8	3
Huerfano	100	50	50	29	25	20	25	-	-	1	-	-	-
Las Animas	230	116	114	69	59	44	54	1	-	2	-	-	1
Pueblo	2011	1055	956	620	553	399	374	25	22	3	5	8	2
Region 8	707	379	328	199	190	173	131	-	1	-	3	7	3
Alamosa	205	106	99	68	75	35	21	-	-	-	1	3	2
Conejos	173	85	88	42	43	42	45	-	-	-	-	1	-
Costilla	50	26	24	9	10	17	14	-	-	-	-	-	-
Mineral	11	5	6	5	5	-	1	-	-	-	-	-	-
Rio Grande	176	100	76	53	39	46	34	-	1	-	1	1	1
Saguache	92	57	35	22	18	33	16	-	-	-	1	2	-
Region 13	876	463	413	416	368	39	41	-	1	6	1	2	2
Chaffee	249	138	111	128	95	7	16	-	-	3	-	-	-
Custer	35	15	20	14	19	-	-	-	-	-	1	1	-
Fremont	403	215	188	201	177	13	8	-	1	1	-	-	2
Lake	189	95	94	73	77	19	17	-	-	2	-	1	-
HSA III WEST	4962	2570	2392	2291	2135	214	198	3	2	41	38	21	19
Region 9	884	451	433	376	358	42	46	-	-	31	29	2	-
Archuleta	64	35	29	22	25	13	4	-	-	-	-	-	-
Dolores	35	22	13	21	12	-	-	-	-	1	1	-	-
La Plata	461	235	226	202	190	20	25	-	-	13	11	-	-
Montezuma	306	150	156	124	124	8	15	-	-	17	17	1	-
San Juan	18	9	9	7	7	1	2	-	-	-	-	1	-
Region 10	971	517	454	448	409	60	41	1	-	4	2	4	2
Delta	313	160	153	136	135	22	15	-	-	-	1	2	2
Gunnison	120	61	59	55	57	5	2	1	-	-	-	-	-
Hinsdale	6	2	4	2	4	-	-	-	-	-	-	-	-
Montrose	429	240	189	204	166	30	22	-	-	4	1	2	-
Ouray	36	19	17	18	16	1	1	-	-	-	-	-	-
San Miguel	67	35	32	33	31	2	1	-	-	-	-	-	-
Region 11	2193	1136	1057	1032	956	86	84	2	1	4	4	12	12
Garfield	421	234	187	217	175	14	10	-	-	2	1	1	1
Mesa	1327	678	649	601	575	63	61	2	1	2	1	10	11
Moffat	300	150	150	144	139	5	9	-	-	-	2	1	-
Rio Blanco	145	74	71	70	67	4	4	-	-	-	-	-	-
Region 12	914	466	448	435	412	26	27	-	1	2	3	3	5
Eagle	268	135	133	118	107	16	24	-	-	-	2	1	-
Grand	146	74	72	71	70	3	2	-	-	-	-	-	-
Jackson	34	18	16	18	16	-	-	-	-	-	-	-	-
Pitkin	96	46	50	44	50	1	-	-	-	-	-	1	-
Routt	235	118	117	113	115	4	1	-	-	-	-	1	1
Summit	135	75	60	71	54	2	-	-	1	2	1	-	4

TABLE 10 - DEATHS BY RACIAL GROUP AND SEX BY HEALTH SERVICE AREA, PLANNING REGION AND COUNTY OF RESIDENCE - Colorado, 1979

HSA Region County	TOTAL	Total Deaths		Anglo White		Spanish Surname		Black		American Indian		Other	
		M	F	M	F	M	F	M	F	M	F	M	F
COLORADO	18408	10203	8205	8949	7374	863	529	308	249	29	10	54	43
HSA I NE	12167	6653	5514	5897	4996	451	283	261	208	14	4	30	23
Region 1	610	343	267	329	260	13	5	1	-	-	-	-	2
Logan	142	79	63	77	63	2	-	-	-	-	-	-	-
Morgan	213	110	103	102	98	7	5	1	-	-	-	-	-
Phillips	45	26	19	26	19	-	-	-	-	-	-	-	-
Sedgwick	40	27	13	24	11	3	-	-	-	-	-	-	2
Washington	68	38	30	38	30	-	-	-	-	-	-	-	-
Yuma	102	63	39	62	39	1	-	-	-	-	-	-	-
Region 2	1530	850	680	781	629	64	44	2	3	-	-	3	4
Larimer	794	429	365	408	349	18	12	2	2	-	-	1	2
Weld	736	421	315	373	280	46	32	-	1	-	-	2	2
Region 3	9837	5343	4494	4672	4035	372	233	258	205	14	4	27	17
Adams	1229	712	517	637	458	53	42	18	11	2	1	2	5
Arapahoe	1223	643	580	605	549	23	13	13	15	1	-	1	3
Boulder	886	489	397	464	379	18	15	3	-	1	1	3	2
Clear Creek	35	24	11	22	10	-	1	-	-	1	-	1	-
Denver	4530	2416	2114	1927	1785	246	150	220	175	8	1	15	3
Douglas	95	56	39	55	37	1	1	-	-	-	-	-	1
Gilpin	15	12	3	12	3	-	-	-	-	-	-	-	-
Jefferson	1824	991	833	950	814	31	11	4	4	1	1	5	3
Region 5	190	117	73	115	72	2	1	-	-	-	-	-	-
Cheyenne	30	21	9	21	9	-	-	-	-	-	-	-	-
Elbert	37	25	12	25	12	-	-	-	-	-	-	-	-
Kit Carson	57	39	18	37	17	2	1	-	-	-	-	-	-
Lincoln	66	32	34	32	34	-	-	-	-	-	-	-	-
HSA II SE	4451	2493	1958	2086	1696	350	210	47	41	1	2	9	9
Region 4	1765	948	817	866	749	41	30	36	32	-	1	5	5
El Paso	1702	912	790	830	722	41	30	36	32	-	1	5	5
Park	20	11	9	11	9	-	-	-	-	-	-	-	-
Teller	43	25	18	25	18	-	-	-	-	-	-	-	-
Region 6	535	309	226	265	194	42	32	1	-	1	-	-	-
Baca	56	29	27	29	24	-	3	-	-	-	-	-	-
Bent	44	27	17	23	15	3	2	-	-	1	-	-	-
Crowley	27	18	9	14	9	4	-	-	-	-	-	-	-
Kiowa	25	16	9	16	9	-	-	-	-	-	-	-	-
Otero	264	155	109	127	89	27	20	1	-	-	-	-	-
Prowers	119	64	55	56	48	8	7	-	-	-	-	-	-

TABLE 10 - Continued

HSA Region County	TOTAL	Total Deaths		Anglo White		Spanish Surname		Black		American Indian		Other	
		M	F	M	F	M	F	M	F	M	F	M	F
Region 7	1330	747	583	566	462	169	108	9	9	-	-	3	4
Huerfano	81	42	39	28	28	14	11	-	-	-	-	-	-
Las Animas	170	105	65	65	52	40	13	-	-	-	-	-	-
Pueblo	1079	600	479	473	382	115	84	9	9	-	-	3	4
Region 8	313	200	113	121	78	78	34	-	-	-	1	1	-
Alamosa	66	44	22	36	16	8	6	-	-	-	-	-	-
Conejos	57	37	20	14	11	23	9	-	-	-	-	-	-
Costilla	25	16	9	4	1	11	8	-	-	-	-	1	-
Mineral	5	4	1	4	1	-	-	-	-	-	-	-	-
Rio Grande	123	76	47	48	38	28	9	-	-	-	-	-	-
Saguache	37	23	14	15	11	8	2	-	-	-	1	-	-
Region 13	508	289	219	268	213	20	6	1	-	-	-	-	-
Chaffee	123	67	56	61	54	5	2	1	-	-	-	-	-
Custer	7	7	-	7	-	-	-	-	-	-	-	-	-
Fremont	341	189	152	177	149	12	3	-	-	-	-	-	-
Lake	37	26	11	23	10	3	1	-	-	-	-	-	-
HSA III WEST	1790	1057	733	966	682	62	36	-	-	14	4	15	11
Region 9	356	210	146	173	130	23	12	-	-	14	4	-	-
Archuleta	29	18	11	14	9	4	2	-	-	-	-	-	-
Dolores	11	9	2	8	2	1	-	-	-	-	-	-	-
La Plata	177	95	82	73	72	14	8	-	-	8	2	-	-
Montezuma	135	86	49	76	45	4	2	-	-	6	2	-	-
San Juan	4	2	2	2	2	-	-	-	-	-	-	-	-
Region 10	461	268	193	243	173	10	10	-	-	-	-	15	10
Delta	225	132	93	128	88	3	5	-	-	-	-	1	-
Gunnison	22	13	9	13	9	-	-	-	-	-	-	-	-
Hinsdale	4	4	-	4	-	-	-	-	-	-	-	-	-
Montrose	178	100	78	81	66	7	5	-	-	-	-	12	7
Ouray	16	7	9	6	7	-	-	-	-	-	-	1	2
San Miguel	16	12	4	11	3	-	-	-	-	-	-	1	1
Region 11	780	450	330	430	317	20	12	-	-	-	-	-	1
Garfield	140	78	62	76	60	2	1	-	-	-	-	-	1
Mesa	539	314	225	301	217	13	8	-	-	-	-	-	-
Moffat	65	37	28	34	26	3	2	-	-	-	-	-	-
Rio Blanco	36	21	15	19	14	2	1	-	-	-	-	-	-
Region 12	193	129	64	120	62	9	2	-	-	-	-	-	-
Eagle	52	39	13	32	11	7	2	-	-	-	-	-	-
Grand	32	20	12	20	12	-	-	-	-	-	-	-	-
Jackson	14	9	5	9	5	-	-	-	-	-	-	-	-
Pitkin	32	24	8	24	8	-	-	-	-	-	-	-	-
Routt	54	31	23	29	23	2	-	-	-	-	-	-	-
Summit	9	6	3	6	3	-	-	-	-	-	-	-	-

TABLE 11 - BIRTHS AND DEATHS BY RACIAL GROUP BY HEALTH SERVICE AREA AND PLANNING REGION - Colorado Residents, 1979

	BIRTHS						DEATHS					
		White			Non-White			White			Non-White	
	Total	Anglo	Span	Total	Black	Other	Total	Anglo	Span	Total	Black	Other
COLORADO	43498	36547	6951	3681	2252	1429	17715	16323	1392	693	557	136
HSA I	28775	24335	4440	2617	1629	988	11627	10893	734	540	469	71
Region 1	1106	969	137	11	1	10	607	589	18	3	1	2
2	4216	3538	678	119	31	88	1518	1410	108	12	5	7
3	23137	19526	3611	2485	1597	888	9312	8707	605	525	463	62
5	316	302	14	2	-	2	190	187	3	-	-	-
HSA II	9885	7786	2099	940	618	322	4342	3782	560	109	88	21
Region 4	5146	4650	496	834	564	270	1686	1615	71	79	68	11
6	911	608	303	10	4	6	533	459	74	2	1	1
7	2271	1355	916	70	48	22	1305	1028	277	25	18	7
8	693	389	304	14	1	13	311	199	112	2	-	2
13	864	784	80	12	1	11	507	481	26	1	1	-
HSA III	4838	4426	412	124	5	119	1746	1648	98	44	-	44
Region 9	822	734	88	62	-	62	338	303	35	18	-	18
10	958	857	101	13	1	12	436	416	20	25	-	25
11	2158	1988	170	35	3	32	779	747	32	1	-	1
12	900	847	53	14	1	13	193	182	11	-	-	-

NOTE: See Appendix C for listing of Health Service Areas and Planning Regions.

TABLE 12 - POPULATION, BIRTHS, ILLEGITIMATE BIRTHS, DEATHS, INFANT DEATHS, NEONATAL DEATHS, AND FETAL DEATHS (≥ 20 WEEKS GESTATION) BY RACE - Colorado Residents, 1979

	Population Estimate	Births		Illegitimate Births		Deaths		Infant Deaths		Neonatal Deaths		Fetal Deaths	
		No	Rate*	No	Rate*	No	Rate*	No	Rate*	No	Rate*	No	Rate*
TOTAL	2716000	47179	17.4	5823	123.4	18408	6.8	496	10.5	300	6.4	404	8.6
Total White	2575325	43498	16.9	4807	110.5	17715	6.9	453	10.4	276	6.3	352	8.1
Anglo	2204085	36547	16.6	3079	84.2	16323	7.4	372	10.2	220	6.0	284	7.8
Spanish Surname	371240	6951	18.7	1728	248.6	1392	3.7	81	11.7	56	8.1	68	9.8
Total Non-White	140675	3681	26.2	1046	284.2	693	4.9	43	11.7	24	6.5	44	12.0
Black	102655	2252	21.9	877	389.4	557	5.4	36	16.0	22	9.8	26	11.5
Other Non-White	38020	1429	37.6	169	118.3	136	3.6	7	4.9	2	1.4	18	12.6

*Birth and death rates are per 1,000 population; illegitimate births, infant death, neonatal death, and fetal death rates are per 1,000 live births.
NOTE: Fetal deaths include 8 with race not stated

TABLE 13 - SUMMARY VITAL STATISTICS BY MONTH OF OCCURRENCE - Colorado Residents and Occurrence, 1979

EVENT		Total	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
BIRTHS														
Residence	Number	47179	3767	3422	3978	3858	4071	4027	4178	4179	4056	3973	3832	3838
	Percent	100.0	8.0	7.3	8.4	8.2	8.6	8.5	8.9	8.9	8.6	8.4	8.1	8.1
Occurrence	Number	47741	3805	3454	4003	3911	4104	4086	4235	4221	4106	4036	3885	3895
	Percent	100.0	8.0	7.2	8.4	8.2	8.6	8.6	8.9	8.8	8.6	8.5	8.1	8.2
ILLEGITIMATE BIRTHS														
Residence	Number	5853	511	430	487	482	490	511	526	488	433	518	466	511
	Percent	100.0	8.7	7.3	8.3	8.2	8.4	8.7	9.0	8.3	7.4	8.9	8.0	8.7
Occurrence	Number	5917	515	434	488	484	498	514	535	502	435	523	470	519
	Percent	100.0	8.7	7.3	8.2	8.2	8.4	8.7	9.0	8.5	7.4	8.8	7.9	8.8
INFANT DEATHS														
Residence	Number	496	55	29	40	44	34	54	32	52	42	41	41	32
	Percent	100.0	11.1	5.8	8.1	8.9	6.9	10.9	6.5	10.5	8.5	8.3	8.3	6.5
Occurrence	Number	550	58	31	45	46	40	66	37	55	47	45	47	33
	Percent	100.0	10.5	5.6	8.2	8.4	7.3	12.0	6.7	10.0	8.5	8.2	8.5	6.0
DEATHS														
Residence	Number	18408	1639	1389	1517	1548	1523	1502	1446	1473	1463	1605	1585	1718
	Percent	100.0	8.9	7.5	8.2	8.4	8.3	8.2	7.9	8.0	7.9	8.7	8.6	9.3
Occurrence	Number	19019	1671	1413	1566	1591	1565	1552	1521	1537	1525	1670	1630	1778
	Percent	100.0	8.8	7.4	8.2	8.4	8.2	8.2	8.0	8.1	8.0	8.8	8.6	9.3
DEATHS BY CAUSE (Residence)														
TOTAL		18408	1639	1389	1517	1548	1523	1502	1446	1473	1463	1605	1585	1718
Heart Disease		6287	586	455	536	529	538	496	480	475	470	561	545	616
Cancer		3597	278	278	297	291	320	322	298	304	288	316	304	301
Stroke		1425	113	115	118	126	111	137	113	105	121	113	124	129
Accidents-Total		1381	102	92	104	110	111	131	131	131	132	118	103	116
Influenza & Pneumonia		608	72	49	62	46	49	40	44	36	38	56	50	66
Suicide		510	46	36	49	35	40	52	51	48	27	45	32	49
General Arteriosclerosis		391	42	32	30	36	36	24	28	32	32	34	29	36
Diabetes		274	34	19	12	22	19	18	25	23	24	28	27	23
Cirrhosis of the Liver		247	22	14	23	17	14	10	18	29	24	25	25	26
Conditions of Perinatal Period		216	28	12	13	23	15	25	14	28	14	12	17	15
All Other Causes		3472	316	287	273	313	270	247	244	262	293	297	329	341

TABLE 14 - TOTAL BIRTHS, DEATHS, INFANT, NEONATAL, PERINATAL AND FETAL DEATHS (≥ 20 WEEKS GESTATION) BY HEALTH SERVICE AREA, PLANNING REGION AND COUNTY OF OCCURRENCE - Colorado, 1979

HSA Region County	TOTAL BIRTHS	TOTAL DEATHS	INFANT DEATHS	NEONATAL DEATHS	FETAL DEATHS (20+ WKS GEST)	PERINATAL DEATHS
COLORADO	47741	19019	550	342	419	761
HSA I NE	32143	12772	430	279	270	549
Region 1	1016	552	4	1	4	5
Logan	363	151	1	-	-	-
Morgan	362	206	1	-	-	-
Phillips	82	42	-	-	-	-
Sedgwick	28	27	-	-	-	-
Washington	3	41	-	-	-	-
Yuma	178	85	2	1	4	5
Region 2	3995	1404	28	14	34	48
Larimer	2368	772	12	7	19	26
Weld	1627	632	16	7	15	22
Region 3	26878	10654	394	264	232	496
Adams	2329	1014	60	37	19	56
Arapahoe	4140	1045	21	11	36	47
Boulder	2444	820	19	7	9	16
Clear Creek	5	26	-	-	-	-
Denver	15989	6092	281	205	151	356
Douglas	4	73	-	-	-	-
Gilpin	-	14	-	-	-	-
Jefferson	1967	1570	13	4	17	21
Region 5	254	162	4	-	-	-
Cheyenne	33	34	1	-	-	-
Elbert	-	15	2	-	-	-
Kit Carson	132	46	1	-	-	-
Lincoln	89	67	-	-	-	-
HSA II SE	10689	4394	87	48	107	155
Region 4	5886	1769	50	27	60	87
El Paso	5850	1713	50	27	60	87
Park	33	34	-	-	-	-
Teller	3	22	-	-	-	-
Region 6	908	491	8	5	8	13
Baca	112	48	1	1	-	1
Bent	35	62	-	-	-	-
Crowley	3	10	-	-	-	-
Kiowa	34	22	1	-	2	2
Otero	457	246	3	2	6	8
Prowers	267	103	3	2	-	2

NOTE: Infant Death is the death of a liveborn infant under 1 year of age. Fetal death is death of a fetus of 20 weeks gestation or more; Neonatal Death is death of an infant of 28 days of age or less. Perinatal death is death between 20 weeks gestation and 28 days of life (Fetal and Neonatal deaths combined).

TABLE 14 - Continued

HSA Region County	TOTAL BIRTHS	TOTAL DEATHS	INFANT DEATHS	NEONATAL DEATHS	FETAL DEATHS (20+ WKS GEST)	PERINATAL DEATHS
Region 7	2387	1355	17	11	16	27
Huerfano	45	63	-	-	-	-
Las Animas	242	134	1	1	2	3
Pueblo	2100	1158	16	10	14	24
Region 8	717	278	5	3	12	15
Alamosa	283	82	1	1	5	6
Conejos	206	39	2	1	6	7
Costilla	-	7	-	-	-	-
Mineral	-	2	-	-	-	-
Rio Grande	227	116	1	1	1	-
Saguache	1	32	1	-	-	2
Region 13	791	501	7	2	11	13
Chaffee	284	111	3	1	5	6
Custer	3	3	-	-	-	-
Fremont	366	351	2	-	6	6
Lake	138	36	2	1	-	1
HSA III WEST	4909	1853	33	15	42	57
Region 9	1079	343	6	4	8	12
Archuleta	2	17	-	-	-	-
Dolores	1	5	-	-	-	-
La Plata	798	193	5	4	7	11
Montezuma	278	126	1	-	1	1
San Juan	-	2	-	-	-	-
Region 10	874	409	4	1	6	7
Delta	287	160	1	-	-	-
Gunnison	123	35	-	-	1	1
Hinsdale	-	4	-	-	-	-
Montrose	437	191	2	1	5	6
Ouray	3	9	1	-	-	-
San Miguel	24	10	-	-	-	-
Region 11	2464	890	18	9	25	34
Garfield	563	132	5	2	4	6
Mesa	1463	636	10	6	15	21
Moffat	331	86	2	1	4	5
Rio Blanco	107	36	1	-	2	2
Region 12	492	211	5	1	3	4
Eagle	6	47	-	-	-	-
Grand	154	30	-	-	1	1
Jackson	-	14	-	-	-	-
Pitkin	130	46	2	-	1	1
Routt	193	48	2	1	1	2
Summit	9	26	1	-	-	-

TABLE 15 - SELECTED BIRTH STATISTICS - Colorado Residents, 1975 - 1979

EVENT	YEAR 1979 Number	1979 %	1978 Number	1978 %	1977 Number	1977 %	1976 Number	1976 %	1975 Number	1975 %
Total Births	47179	100.0	44063	100.0	43056*	100.0	40978	100.0	40148*	100.0
Male	24267	51.4	22619	51.3	21945	51.0	21012	51.3	20700	51.6
Female	22912	48.6	21444	48.7	21110	49.0	19966	48.7	19447	48.7
Congenital Malformations	513	1.1	490	1.1	490	1.1	499	1.2	455	1.1
First Live-Born	21236	45.0	19652	44.6	17745	41.2	16832	41.1	17728	44.2
Low Birthweight	3855	8.2	3617	8.2	3570	8.3	3616	8.8	3622	9.0
Hospital Births**	46460	99.0	43271	98.8	42301	98.9	40368	99.2	39554	99.3
Attendant:										
Physician	46523	98.6	43556	98.8	42811	99.4	40813	99.6	39979	99.6
Midwife	14	0.03	25	0.06	19	0.04	19	0.05	25	0.06
Other	642	1.4	482	1.1	226	0.5	146	0.4	144	0.4

*Total includes 1 birth with sex unknown.
**Hospital births based on resident births occurring in Colorado.

TABLE 16 - BIRTHS BY AGE OF MOTHER AND BIRTHWEIGHT - Colorado Residents, 1979

AGE GROUP	Total	BIRTHWEIGHT (Pounds) Under 1	1	2	3	4	5	6	7	8	9	10 & Over	Unknown
TOTAL	47179	16	153	230	399	1207	4591	13798	16392	8071	1953	309	60
Under 15 Yrs.	74	-	1	1	1	4	11	23	26	7	-	-	-
15-19	6355	5	35	49	87	213	766	2114	2114	802	128	29	13
20-24	15951	8	50	75	123	412	1658	4855	5519	2550	608	78	15
25-29	15394	2	43	68	114	347	1355	4385	5476	2791	689	104	20
30-34	7470	-	19	26	55	180	636	1960	2600	1509	401	74	10
30-39	1670	1	5	10	16	36	137	405	581	344	115	18	2
40-44	253	-	-	1	3	15	28	51	71	66	12	6	-
45 & Over	9	-	-	-	-	-	-	4	3	2	-	-	-
Not Stated	3	-	-	-	-	-	-	1	2	-	-	-	-

TABLE 17 - TOTAL BIRTHS AND ILLEGITIMATE BIRTHS BY SINGLE YEAR AGE GROUP - Colorado Residents, 1979

AGE OF MOTHER	TOTAL BIRTHS		ILLEGITIMATE BIRTHS	
	Number	Percent	Number	Percent
TOTAL	47179	100.0	5853	100.0
≤12	2	-	2	-
13	9	-	7	-
14	63	0.1	56	1.0
15	213	0.5	175	3.0
16	670	1.4	413	7.1
17	1188	2.5	587	10.0
18	1843	3.9	671	11.5
19	2441	5.2	663	11.3
20	2801	5.9	579	9.9
21	3072	6.5	462	7.9
22	3251	6.9	397	6.8
23	3444	7.3	357	6.1
24	3383	7.2	286	4.9
25	3477	7.4	212	3.6
26	3346	7.1	219	3.7
27	3127	6.6	126	2.2
28	2912	6.2	146	2.5
29	2532	5.4	108	1.8
30	2245	4.8	92	1.6
31	1870	4.0	65	1.1
32	1599	3.4	63	1.1
33	959	2.0	36	0.6
34	797	1.7	28	0.5
35	593	1.3	27	0.5
36	436	0.9	22	0.4
37	295	0.6	14	0.2
38	203	0.4	15	0.2
39	143	0.3	3	-
40	110	0.2	8	0.1
41	64	0.1	8	0.1
42	44	-	3	-
43	18	-	2	-
44	17	-	-	-
45	5	-	-	-
46	2	-	-	-
47	1	-	-	-
≥48	2	-	-	-
Not Stated	2	-	1	-
Median Age	25.3		20.6	
Mean Age	25.2		21.2	
% First Born	45.0		66.7	

TABLE 18 - CONGENITAL MALFORMATIONS REPORTED ON BIRTH CERTIFICATE BY TYPE - Colorado Residents, 1979

CONGENITAL MALFORMATIONS	NUMBER	PERCENT
PERCENT OF BIRTHS WITH MALFORMATIONS		1.1
TOTAL MALFORMATIONS	513	100.0
CARDIOVASCULAR SYSTEM		
Tetrology of Fallot	-	
Patent Ductus Arteriosus	1	
Coarctation of Aorta	-	
Right Sided Aorta, Dextra Cardia	-	
Other Malformations of the Great Vessels	5	
Single Umbilical Artery	4	
Septal Defects	1	
Malformations of Pulmonary Venus Returns	1	
Endocardial Fibrosis	-	
Congenital Heart Not Otherwise Specified	8	
Suspected Congenital Heart	-	
Heart Murmur	5	
Multiple Malformations of the Cardiovascular System	2	
Other Malformations of the Cardiovascular System	20	
TOTAL	47	9.2
CENTRAL NERVOUS SYSTEM		
Hydrocephalus	5	
Microcephaly (Abnormal Smallness of Head)	-	
Anencephaly (Absence of Brain)	5	
Spina Bifida, Meningocele, Myelocele, Myelomeningocele	10	
Encephalocele (Hernia of Brain through Congenital Opening in Skull)	-	
Multiple Malformations of the Central Nervous System	2	
Other or Unspecified Malformations of Brain and Spinal Cord	8	
TOTAL	30	5.8
MUSCULOSKELETAL SYSTEM		
Special Sense Organs		
Anophthalmos (Absense of eye or eyes)	-	
Microphthalmos (Abnormally Small Eyes)	-	
Congenital Cataracts	2	
Ptosis (Drooping of Upper Eyelid)	-	
Other Malformations of the Eye	2	
Absence of Auditory Canal	-	
Other Malformations of the Inner Ear	1	
Omphalocele (Unbilical Hernia)	6	
Abdominal and Inguinal Hernia	-	
Cleft Lip	10	
Cleft Palate	8	
Cleft Lip and Palate	26	
Malformations of the Hip	21	
Metatarsus Valgus (Sole of Foot Outward)	2	
Metatarsus Varus (Sole of Foot Inward)	10	
Talipes (Club Foot)	37	
Polydactylism (Multiple Fingers or Toes)	20	
Syndactylism (Webbed Fingers or Toes)	8	
Flexion Deformities of Digits	1	
Anomaly of Digits Undiagnosed or Other	8	
Internal Torsion of Tibia	-	
Arthrogyposis (Generalized Abnormal Immobility of Joints of Upper and Lower Extremities)	1	

TABLE 18 - Continued

		NUMBER	PERCENT
Absense of Foot or Feet		-	
Absence of Hand or Hands		1	
Phocomelia (Hands and Feet but no Arms or Legs)		-	
Malformation of the Hand Not Otherwise Specified		4	
Malformation of the Foot Not Otherwise Specified		5	
Gargoylism, Chondrodystrophy, Hurler's Disease		-	
Osteogenesus Imperfecta (Bones Abnormally Brittle)		-	
Pierre Robin Syndrome		-	
Multiple Malformations of the Musculoskeletal System		12	
Other Malformations of the Musculoskeletal System		39	
	TOTAL	224	43.7
GASTROINTESTINAL SYSTEM			
Tracheoesophageal Fistula		2	
Pyloric Stenosis		-	
Malformation of Small Intestine		1	
Malformation of Large Intestine		-	
Imperforate Anus (Choanal Atresiac)		5	
Other Malformations of Rectum		1	
Other Malformations of the Gastrointestinal System		13	
	TOTAL	22	4.3
GENITOURINARY SYSTEM			
Undescended Testicle		11	
Cleft Scrotum		-	
Stricture of Maetus		-	
Hydrocele		15	
Hypospadias		22	
Hypertrophy of Clitoris		-	
Other Malformations of the Genital Organs		3	
Malformations of the Kidney		-	
Malformations of the Ureter		-	
Malformations of the Bladder		1	
Atresia of Urethra		-	
Multiple Malformations of the Genitourinary System		2	
Other Malformations of the Genitourinary System		5	
	TOTAL	59	11.5
RESPIRATORY SYSTEM			
Malformations of the Lung		2	
Malformations of the Tracheobronchial Tree		2	
Multiple Malformations of the Respiratory System		1	
	TOTAL	5	1.0
SKIN			
Hemangioma		9	
Melanoma		-	
Vascular Nevus, Nevus Flammeus, Port Wine Stain		4	
Malformations of the Outer Ear		-	
Other Malformations of the Skin		25	
	TOTAL	38	7.4
DOWNS SYNDROME DIAGNOSED		9	1.8
DOWNS SYNDROME SUSPECTED		7	1.4
DYSCHROMOSOMAL SYNDROME		4	0.8
MULTIPLE MALFORMATIONS, NOT ELSEWHERE CLASSIFIED		60	11.7
OTHER MALFORMATIONS		8	1.6

TABLE 19 - FETAL DEATHS (≥ 20 WEEKS GESTATION) BY AGE OF MOTHER, LENGTH OF GESTATION, AND RACE - Colorado Occurrence, 1978

AGE OF MOTHER	FETAL DEATHS		LENGTH OF GESTATION	FETAL DEATHS		RACE	FETAL DEATHS	
	No.	%		No.	%		No.	Rate
Total	419	100.0	Total-20 Wks & Over	419	100.0	Total	419	8.9
Under 15 Years	-	-						
15 - 19 Years	68	16.2	20 - 27 Weeks	93	22.2	White	365	8.4
20 - 24 Years	122	29.1				Anglo	295	8.1
25 - 29 Years	124	29.6	28 - 35 Weeks	92	22.0	Spanish	70	10.1
30 - 34 Years	80	19.1						
35 - 39 Years	14	3.3	36 - 39 Weeks	84	20.0	Non-White	30	8.1
40 - 45 Years	7	1.7				Black	26	11.5
45 and Over	-	-	40 and Over	92	22.0	Other	4	2.8
Not Stated	4	1.0	Not Stated	58	13.8	Not Stated	24	-

*Rate per 1,000 live births of respective race.

TABLE 20 - INDUCED ABORTIONS BY AGE OF MOTHER AND RACE - Colorado Occurrence, 1978

RACE	Total	<15 Years	15-19 Years	20-24 Years	25-29 Years	30-34 Years	35-39 Years	40-44 Years	≥ 45 Years	Not Stated
Total	16482	115	4901	5806	3359	1482	544	171	13	91
White	11516	78	3440	3925	2363	1087	409	132	10	72
Anglo	10134	53	2979	3475	2101	979	354	120	10	63
Spanish Surname	1382	25	461	450	262	108	55	12	-	9
Non-White	1133	18	340	401	239	85	37	9	1	3
Black	945	17	286	347	185	71	30	5	1	3
Other	188	1	54	54	54	14	7	4	-	-
Not Stated	3833	19	1121	1480	757	310	98	30	2	16

TABLE 21 - INDUCED ABORTIONS BY TYPE OF PROCEDURE AND LENGTH OF GESTATION - Colorado Occurrence, 1978

TYPE OF PROCEDURE	Total	LENGTH OF GESTATION							
		≤ 8 Weeks	9-10 Weeks	11-12 Weeks	13-15 Weeks	16-20 Weeks	21-28 Weeks	29 Weeks And Over	Not Stated
Total	16482	5267	4988	2688	1467	998	336	61	677
Suction Curettage	14877	5077	4868	2560	1257	456	86	36	537
Sharp Curettage	139	34	21	28	14	24	5	-	13
Intra-Uterine Saline Instillation	76	1	7	4	17	40	3	1	3
Intra-Uterine Prostaglandin	942	17	30	38	130	427	216	17	67
Hysterotomy	3	1	-	-	-	1	1	-	-
Hysterectomy	21	6	6	2	1	1	1	2	2
Other	416	130	56	55	46	47	24	5	53
Not Stated	8	1	-	1	2	2	-	-	2

TABLE 22 - INFANT DEATHS FROM LEADING CAUSES BY AGE - Colorado Residents, 1979

CAUSE	Total Under 1 Year		Birth to 28 Days		Birth to 7 Days		1 Day	
	No.	%	No.	%	No.	%	No.	%
TOTAL	496	100.0	300	100.0	251	100.0	164	100.0
Congenital Malformations (740-759)	109	22.0	66	22.0	54	21.5	33	20.1
Conditions Originating in the Perinatal Period (760-779)	212	42.7	207	69.0	184	73.3	127	77.4
Hypoxia and Birth Asphyxia (768)	16	3.2	16	5.3	14	5.6	7	4.3
Hyaline Membrane & R.D.S. (769)	36	7.3	35	11.7	29	11.6	13	7.9
Other Respiratory Conditions (770)	43	8.7	41	13.7	39	15.5	32	19.5
Birth Trauma (767)	5	1.0	4	6.1	4	1.6	1	0.6
Immaturity Unqualified (765)	27	5.4	27	9.0	27	10.8	26	15.9
Other Conditions	85	17.1	84	28.0	71	28.3	48	29.3
Sudden Infant Death (798)	97	19.6	7	2.3	1	0.4	-	-
Pneumonia (480-486)	7	1.4	1	0.3	-	-	-	-
Accidents (E800-E949)	11	2.2	-	-	-	-	-	-
Other Causes	60	12.1	19	6.3	12	4.8	4	2.4

TABLE 23 - INFANT DEATHS BY RACE AND SEX - Colorado Residents, 1979

Race and Sex	Number	Percent	Rate*
TOTAL	496	100.0	10.5
Total Male	266	53.6	11.0
White	245	49.4	11.0
Anglo	204	41.1	10.9
Spanish Surname	41	8.3	11.5
Non-White	21	4.2	11.0
Total Female	230	46.4	10.0
White	208	41.9	9.8
Anglo	168	33.9	9.5
Spanish Surname	40	8.1	11.9
Non-White	22	4.4	12.4

*Rate is per 1,000 live births and is specific for each respective sex-race category.

TABLE 24 - DEATHS FROM SELECTED CAUSES BY HEALTH SERVICE AREA, PLANNING REGION AND COUNTY OF RESIDENCE - Colorado, 1979

HSA Region County	Total	Heart Disease	Cancer	Stroke	Accidents	Influenza & Pneumonia	Suicide	Arterio-sclerosis	Diabetes	Cirrhosis of the Liver	Conditions of Perinatal Period	Other
COLORADO	18408	6287	3597	1425	1381	608	510	391	274	247	216	3472
HSA I NE	12167	4114	2444	915	878	414	363	257	175	169	144	2294
Region 1	610	218	125	48	32	26	13	20	13	4	3	108
Logan	142	60	26	9	5	4	6	2	3	2	-	25
Morgan	213	68	47	17	14	19	2	7	5	-	1	33
Phillips	45	18	10	2	3	-	1	1	1	1	-	8
Sedgwick	40	15	10	1	2	1	-	1	-	-	-	10
Washington	68	24	17	6	2	-	3	3	1	1	1	10
Yuma	102	33	15	13	6	2	1	6	3	-	1	22
Region 2	1530	530	289	132	124	50	36	41	19	15	18	276
Larimer	794	293	160	67	57	20	16	30	5	6	7	133
Weld	736	237	129	65	67	30	20	11	14	9	11	143
Region 3	9837	3297	1999	716	706	332	313	195	138	149	119	1873
Adams	1229	378	232	74	112	38	42	19	18	22	25	269
Arapahoe	1223	396	262	82	104	42	44	25	13	17	21	217
Boulder	886	285	178	65	98	28	30	22	13	7	8	152
Clear Creek	35	8	7	1	6	2	1	-	-	1	-	9
Denver	4530	1618	904	346	236	174	120	93	67	71	41	860
Douglas	95	30	17	5	14	2	5	-	1	1	2	18
Gilpin	15	6	2	1	3	-	-	-	-	1	-	2
Jefferson	1824	576	397	142	133	46	71	36	26	29	22	346
Region 5	190	69	31	19	16	6	1	1	5	1	4	37
Cheyenne	30	10	3	3	5	1	-	-	3	1	-	4
Elbert	37	11	7	3	-	3	-	1	-	-	2	10
Kit Carson	57	19	9	3	9	2	1	-	1	-	2	11
Lincoln	66	29	12	10	2	-	-	-	1	-	-	12
HSA II SE	4451	1537	838	355	306	146	116	110	78	57	55	853
Region 4	1765	550	355	138	126	67	51	43	24	30	36	345
El Paso	1702	533	346	133	114	67	48	42	22	30	33	334
Park	20	5	5	1	7	-	-	-	-	-	-	2
Teller	43	12	4	4	5	-	3	1	2	-	3	9
Region 6	535	200	114	38	34	16	10	12	11	4	3	93
Baca	56	24	11	2	7	-	1	1	4	-	1	5
Bent	44	10	11	6	3	-	4	-	1	1	-	8
Crowley	27	14	7	-	2	-	-	-	-	1	-	3
Kiowa	25	8	5	3	3	1	-	-	-	-	-	5
Otero	264	97	61	21	17	7	4	4	4	2	1	47
Prowers	119	47	19	6	2	8	1	7	2	-	1	26

NOTE: The ICD-9 codes included in each of the causes of death are listed in Appendix "A."

TABLE 24 - Continued

HSA Region County	Total	Heart Disease	Cancer	Stroke	Accidents	Influenza & Pneumonia	Suicide	Arterio-sclerosis	Diabetes	Cirrhosis of the Liver	Conditions of Perinatal Period	Other
Region 7	1330	517	223	108	81	38	38	28	30	20	10	237
Huerfano	81	39	9	4	5	2	3	1	1	1	–	16
Las Animas	170	85	27	7	13	3	3	5	1	3	1	22
Pueblo	1079	393	187	97	63	33	32	22	28	16	9	199
Region 8	313	96	55	26	27	12	7	5	3	2	3	77
Alamosa	66	27	9	4	3	5	1	1	1	–	1	14
Conejos	57	16	13	5	2	2	1	3	–	–	–	15
Costilla	25	9	7	4	3	1	–	–	1	–	–	–
Mineral	5	–	1	–	2	–	–	–	–	–	–	2
Rio Grande	123	34	19	8	13	4	5	1	1	2	2	34
Saguache	37	10	6	5	4	–	–	–	–	–	–	12
Region 13	508	174	91	45	38	13	10	22	10	1	3	101
Chaffee	123	53	21	6	11	1	1	2	1	–	3	24
Custer	7	2	2	–	1	–	1	–	–	–	–	1
Fremont	341	112	63	37	13	12	5	20	9	1	–	69
Lake	37	7	5	2	13	–	3	–	–	–	–	7
HSA III WEST	1790	636	315	155	197	48	31	24	21	21	17	325
Region 9	356	117	73	38	36	13	7	–	5	3	4	60
Archuleta	29	10	6	3	4	1	1	–	–	–	–	4
Dolores	11	4	4	1	1	1	–	–	–	–	–	–
La Plata	177	61	37	19	14	8	3	–	3	2	3	27
Montezuma	135	40	26	15	15	3	3	–	2	1	1	29
San Juan	4	2	–	–	2	–	–	–	–	–	–	–
Region 10	461	178	70	39	38	14	7	7	5	7	3	93
Delta	225	93	27	25	16	7	4	6	1	4	–	42
Gunnison	22	9	4	–	5	–	–	–	1	–	–	3
Hinsdale	4	–	1	–	2	–	–	–	–	–	–	1
Montrose	178	66	34	9	10	7	2	–	3	3	3	41
Ouray	16	7	2	3	2	–	–	–	–	–	–	2
San Miguel	16	3	2	2	3	–	1	1	–	–	–	4
Region 11	780	287	142	69	80	17	12	12	8	10	8	135
Garfield	140	41	29	9	20	2	3	–	1	3	2	30
Mesa	539	209	101	52	50	9	4	11	5	5	5	88
Moffat	65	18	8	5	7	4	4	1	1	2	1	14
Rio Blanco	36	19	4	3	3	2	1	–	1	–	–	3
Region 12	193	54	30	9	43	4	5	5	3	1	2	37
Eagle	52	15	6	3	16	–	2	–	–	–	1	9
Grand	32	7	11	–	3	2	1	1	1	–	–	6
Jackson	14	5	1	–	3	–	–	2	1	–	–	2
Pitkin	32	8	6	4	8	–	1	–	–	–	–	5
Routt	54	18	6	1	8	2	1	2	1	1	1	13
Summit	9	1	–	1	5	–	–	–	–	–	–	2

TABLE 25 - DEATHS BY SEX AND AGE GROUP BY HEALTH SERVICE AREA AND PLANNING REGION - Colorado Residents, 1979

			AGE GROUP										
		Total	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 & Over
COLORADO	Total	18408*	496	120	128	654	658	684	1249	2519	3744	4580	3575
	Male	10203*	266	64	81	487	491	468	782	1620	2302	2289	1352
	Female	8205	230	56	47	167	167	216	467	899	1442	2291	2223
HSA I NE	Total	12167*	327	75	72	421	475	459	848	1674	2511	2942	2362
	Male	6653*	175	40	46	305	351	305	527	1080	1531	1432	860
	Female	5514	152	35	26	116	124	154	321	594	980	1510	1502
Region 1	Total	610	9	1	3	14	15	8	29	69	112	186	164
	Male	343	5	-	-	12	11	7	15	48	74	98	73
	Female	267	4	1	3	2	4	1	14	21	38	88	91
Region 2	Total	1530	46	14	16	48	64	42	91	189	321	369	330
	Male	850	27	7	6	37	44	31	51	127	207	184	129
	Female	680	19	7	10	11	20	11	40	62	114	185	201
Region 3	Total	9837*	264	60	52	352	392	406	715	1393	2038	2339	1825
	Male	5343*	140	33	39	251	293	266	452	887	1223	1122	636
	Female	4494	124	27	13	101	99	140	263	506	815	1217	1189
Region 5	Total	190	8	-	1	7	4	3	13	23	40	48	43
	Male	117	3	-	1	5	3	1	9	18	27	28	22
	Female	73	5	-	-	2	1	2	4	5	13	20	21
HSA II SE	Total	4451	125	26	38	156	116	157	301	602	878	1170	882
	Male	2493	68	13	22	127	86	111	187	389	531	607	352
	Female	1958	57	13	16	29	30	46	114	213	347	563	530
Region 4	Total	1765	76	13	17	79	46	82	132	267	335	411	307
	Male	948	41	6	11	62	36	56	77	168	190	200	101
	Female	817	35	7	6	17	10	26	55	99	145	211	206
Region 6	Total	535	13	2	4	15	9	14	26	62	110	156	124
	Male	309	9	1	3	12	7	11	18	39	74	81	54
	Female	226	4	1	1	3	2	3	8	23	36	75	70
Region 7	Total	1330	18	9	12	35	37	41	104	172	270	366	266
	Male	747	8	4	6	30	24	28	66	114	166	186	115
	Female	583	10	5	6	5	13	13	38	58	104	180	151
Region 8	Total	313	6	2	1	15	12	14	16	32	52	93	70
	Male	200	5	2	-	14	9	12	9	19	36	56	38
	Female	113	1	-	1	1	3	2	7	13	16	37	32
Region 13	Total	508	12	-	4	12	12	6	23	69	111	114	115
	Male	289	5	-	2	9	10	4	17	49	65	84	44
	Female	219	7	-	2	3	2	2	6	20	46	60	71

*Includes one male resident of Region 3 with age unstated.

TABLE 25 - Continued

		Total	AGE GROUP <1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 & Over
HSA III WEST	Total	1790	44	19	18	77	67	68	100	243	355	468	331
	Male	1057	23	11	13	55	54	52	68	151	240	250	140
	Female	733	21	8	5	22	13	16	32	92	115	218	191
Region 9	Total	356	10	-	1	20	13	14	28	46	72	90	62
	Male	210	6	-	1	14	7	10	18	35	43	51	25
	Female	146	4	-	-	6	6	4	10	11	29	39	37
Region 10	Total	461	10	9	5	5	10	17	16	62	110	134	83
	Male	268	7	5	4	5	9	14	13	32	77	71	31
	Female	193	3	4	1	-	1	3	3	30	33	63	52
Region 11	Total	780	19	6	5	33	23	28	50	111	139	205	161
	Male	450	7	4	3	23	18	21	32	69	96	104	73
	Female	330	12	2	2	10	5	7	18	42	43	101	88
Region 12	Total	193	5	4	7	19	21	9	6	24	34	39	25
	Male	129	3	2	5	13	20	7	5	15	24	24	11
	Female	64	2	2	2	6	1	2	1	9	10	15	14

FIGURE 7 - AGE AT TIME OF DEATH BY SEX - Colorado Residents, 1973

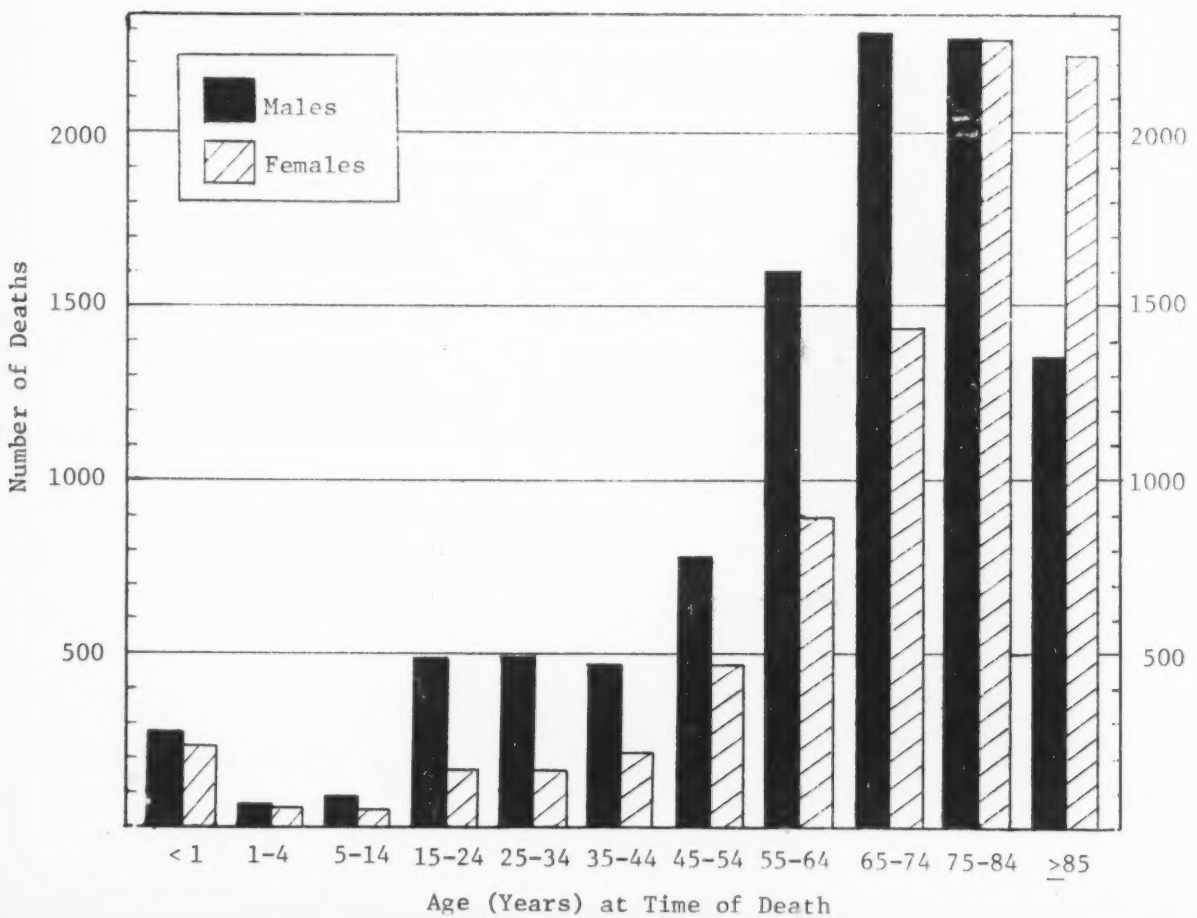


TABLE 26 - DEATHS AND DEATH RATES FROM LEADING CAUSES - Colorado Residents, Selected Years, 1940 - 1979

CAUSE OF DEATH		RANK ORDER OF TOP TEN CAUSES BY YEAR					
		1979	1975	1970	1960	1950	1940
TOTAL	No	18408	17401	17439	15351	12222	12181
	Rate*	677.8	669.0	790.1	875.2	922.4	1084.4
Heart Disease	No (1)	6287	(1) 5935	(1) 6059	(1) 5278	(1) 4186	(1) 2933
	Rate	231.5	228.1	274.5	300.9	315.9	261.1
Cancer	No (2)	3597	(2) 3123	(2) 2683	(2) 2209	(2) 1700	(2) 1304
	Rate	132.4	120.0	121.6	126.9	128.3	116.1
Stroke	No (3)	1425	(3) 1585	(3) 1769	(3) 1601	(3) 1156	(5) 977
	Rate	52.5	60.9	80.1	91.3	87.2	87.0
Accidents	No (4)	1381	(4) 1300	(4) 1280	(4) 1077	(4) 934	(3) 1017
	Rate	50.8	50.0	60.0	61.4	70.7	90.5
Influenza & Pneumonia	No (5)	608	(5) 659	(5) 727	(5) 860	(6) 638	(4) 1005
	Rate	22.4	25.3	32.9	49.0	48.1	89.5
Suicide	No (6)	510	(6) 461	(7) 402	(8) 230	(9) 200	(10) 220
	Rate	18.8	17.7	18.2	13.1	15.1	19.6
General Arteri- sclerosis	No (7)	391	(8) 330	(8.5) 373	(7) 398	(7) 254	(9) 261
	Rate	14.4	12.7	16.9	22.7	19.2	23.2
Diabetes	No (8)	274	(9) 314	279	184	145	201
	Rate	10.1	12.0	12.6	10.5	10.9	17.9
Cirrhosis of the Liver	No (9)	247	(7) 344	(10) 313	170	111	78
	Rate	9.1	13.2	14.2	9.7	8.4	6.9
Perinatal Per- iod Conditions	No (10)	216	275	(6) 461	(6) 802	(5) 654	(7) 577
	Rate	8.0	10.5	20.9	45.7	49.4	51.4
Emphysema	No	179	254	(8.5) 372	193	12	4
	Rate	6.6	9.8	16.9	11.0	0.9	0.4
Other Diseases of Circulatory System**	No	172	(10) 307	298	(10) 219	124	64
	Rate	6.3	11.8	13.5	12.5	9.4	5.7
Congenital Malformations	No	162	157	215	(9) 227	176	127
	Rate	6.0	6.0	9.7	12.9	13.3	11.3
Nephritis and Nephrosis	No	143	59	67	112	(10) 190	(6) 788
	Rate	5.3	2.3	3.0	6.4	14.3	70.2
Tuberculosis	No	14	31	34	76	(8) 208	(8) 457
	Rate	0.5	1.2	1.5	4.3	15.7	40.7
Other Causes	No	2802	2267	2107	1715	1531	2168
	Rate	103.2	87.4	95.4	97.8	115.5	193.0

*Cause of death rates are per 100,000 population.
**Excludes diseases of veins and lymphatics.
NOTE: The "ICD-9" Codes included in each of the causes of death are listed in Appendix "A."
"( )" indicates rank order of ten leading causes for each year shown.
The increase in the number of nephritis and nephrosis deaths is due to the revision of the ICD Code from the Eighth to the Ninth Revision effective January 1, 1979.

TABLE 27 - DEATHS FROM LEADING CAUSES BY AGE AND SEX - Colorado Residents, 1978

CAUSE OF DEATH	SEX	Total	AGE GROUP <1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 & Over
TOTAL	Total	18408*	496	120	128	654	658	684	1249	2519	3744	4580	3575
	Male	10203*	266	64	81	487	491	468	782	1620	2302	2289	1352
	Female	8205	230	56	47	167	167	216	467	899	1442	2291	2223
Heart Disease	Total	6287	2	5	11	11	35	107	361	854	1430	1863	1608
	Male	3459	-	2	7	5	27	82	293	616	925	925	577
	Female	2828	2	3	4	6	8	25	68	238	505	938	1031
Cancer	Total	3597	3	6	15	30	57	121	365	766	994	876	366
	Male	1917	1	1	9	19	31	56	164	422	577	460	177
	Female	1680	-	5	6	11	26	65	201	344	417	416	189
Stroke	Total	1425	10	-	-	2	10	20	48	115	222	505	503
	Male	603	6	-	-	-	5	10	24	58	132	214	154
	Female	822	4	-	-	2	5	10	24	57	90	291	349
Accidents	Total	1381*	11	45	64	382	276	152	105	104	90	88	63
	Male	988*	5	28	45	291	229	118	73	79	54	40	25
	Female	393	6	17	19	91	47	34	32	25	36	48	38
Influenza & Pneumonia	Total	608	7	1	1	6	5	14	25	43	83	195	228
	Male	299	6	1	-	4	2	12	18	27	51	90	88
	Female	309	1	-	1	2	3	2	7	16	32	105	140
Suicide	Total	510	-	-	4	97	130	91	62	66	33	22	5
	Male	393	-	-	3	87	106	66	42	48	21	17	3
	Female	117	-	-	1	10	24	25	20	18	12	5	2
Arteriosclerosis	Total	391	-	-	-	-	-	-	3	19	41	136	192
	Male	157	-	-	-	-	-	-	1	11	27	58	60
	Female	234	-	-	-	-	-	-	2	8	14	78	132
Diabetes	Total	274	-	-	3	-	9	12	22	49	68	70	41
	Male	117	-	-	-	-	5	7	10	23	28	28	16
	Female	157	-	-	3	-	4	5	12	26	40	42	25
Cirrhosis of the Liver	Total	247	-	-	-	-	8	36	58	64	54	24	3
	Male	155	-	-	-	-	5	25	35	42	35	11	2
	Female	92	-	-	-	-	3	11	23	22	19	13	1
Conditions of the Perinatal Period	Total	216	212	3	1	-	-	-	-	-	-	-	-
	Male	106	105	-	1	-	-	-	-	-	-	-	-
	Female	110	107	3	-	-	-	-	-	-	-	-	-
Other	Total	3472	253	60	29	126	128	131	210	439	729	801	566
	Male	2009	143	32	16	81	81	92	122	294	452	446	250
	Female	1463	110	28	13	45	47	39	88	145	277	355	316

MEAN AGE AT DEATH: TOTAL = 66.8 MALES = 63.5 FEMALES = 70.9
MEDIAN AGE AT DEATH: TOTAL = 72.4 MALES = 68.9 FEMALES = 76.9

*Total includes 1 male accidental death with age not stated.
NOTE: The "ICD-9" code included in each of the causes of death are listed in Appendix "A."

TABLE 28 - DEATHS FROM LEADING CAUSES FOR EACH SEX AND AGE GROUP - Colorado Residents, 1979

AGE GROUP	CAUSE OF DEATH	Total			Male			Female		
		Rank	Number	Per Cent	Rank	Number	Per Cent	Rank	Number	Per Cent
TOTAL (ALL AGES)	Heart Disease	1	6287	34.2	1	3459	33.9	1	2828	34.5
	Cancer	2	3597	19.5	2	1917	18.8	2	1680	20.5
	Stroke	3	1425	7.7	4	603	5.9	3	822	10.0
	Accidents	4	1381*	7.5	3	988*	9.7	4	393	4.8
	Influenza & Pneumonia	5	608	3.3	5	299	2.9	5	309	3.8
	Other		5110	27.8		2937	28.8		2173	26.5
	TOTAL		18408*	100.0		10203*	100.0		8205	100.0
1-4**	Accidents	1	45	37.5	1	28	43.8	1	17	30.4
	Congenital Malformations	2	23	19.2	2	16	25.0	2	7	12.5
	Cancer	3	6	5.0	5	1	1.6	3	5	8.9
	Heart Disease	4.5	5	4.2	4	2	3.1	4	3	5.4
	Homicide	4.5	5	4.2	3	3	4.7	5	2	3.6
	Other		36	30.0		14	21.9		22	39.3
	TOTAL		120	100.0		64	100.0		56	100.0
5-14	Accidents	1	64	50.0	1	45	55.6	1	19	40.4
	Cancer	2	15	11.7	2	9	11.1	2	6	12.8
	Heart Disease	3	11	8.6	3	7	8.6	3	4	8.5
	Congenital Malformations	4	5	3.9	4	4	4.9	4.5	1	2.1
	Suicide	5	4	3.1	5	3	3.7	4.5	1	2.1
	Other		29	22.7		13	16.0		16	34.0
	TOTAL		128	100.0		81	100.0		47	100.0
15-24	Accidents	1	382	58.4	1	291	59.8	1	91	54.5
	Suicide	2	97	14.8	2	87	17.9	4	10	6.0
	Homicide	3	58	8.9	3	43	8.8	2	15	9.0
	Cancer	4	30	4.6	6	19	3.9	3	11	6.6
	Heart Disease	5	11	1.7	5	5	1.0	5	6	3.6
	Other		76	11.6		42	8.6		34	20.4
	TOTAL		654	100.0		487	100.0		167	100.0
25-34	Accidents	1	276	41.9	1	229	46.6	1	47	28.1
	Suicide	2	130	19.8	2	106	21.6	3	24	14.4
	Cancer	3	57	8.7	3	31	6.3	2	26	15.6
	Heart Disease	4	35	5.3	4	27	5.5	4	8	4.8
	Stroke	5	10	1.5	5	5	1.0	5	5	3.0
	Other		150	22.8		93	18.9		57	34.1
	TOTAL		658	100.0		491	100.0		167	100.0
35-44	Accidents	1	152	22.2	1	118	25.2	2	34	15.7
	Cancer	2	121	17.7	4	56	12.0	1	65	30.1
	Heart Disease	3	107	15.6	2	82	17.5	3.5	25	11.6
	Suicide	4	91	13.3	3	66	14.1	3.5	25	11.6
	Cirrhosis	5	36	5.3	5	25	5.3	5	11	5.1
	Other		177	25.9		121	25.9		56	25.9
	TOTAL		684	100.0		468	100.0		216	100.0

TABLE 28 - Continued

AGE GROUP	CAUSE OF DEATH	Total			Male			Female		
		Rank	Number	Per Cent	Rank	Number	Per Cent	Rank	Number	Per Cent
45-54	Cancer	1	365	29.2	2	164	21.0	1	201	43.0
	Heart Disease	2	361	28.9	1	293	37.5	2	68	14.6
	Accidents	3	105	8.4	3	73	9.3	3	32	6.9
	Suicide	4	62	5.0	4	42	5.4	5	20	4.3
	Cirrhosis	5	58	4.6	5	35	4.5	4	23	4.9
	Other		298	23.9		175	22.4		123	26.3
	TOTAL		1249	100.0		782	100.0		467	100.0
55-64	Heart Disease	1	854	33.9	1	616	38.0	2	238	26.5
	Cancer	2	766	30.4	2	422	26.0	1	344	38.3
	Stroke	3	115	4.6	4	58	3.6	3	57	6.3
	Accidents	4	104	4.1	3	79	4.9	4	25	2.8
	Suicide	5	66	2.6	5	48	3.0	5	18	2.0
	Other		614	24.4		397	24.5		217	24.1
	TOTAL		2519	100.0		1620	100.0		899	100.0
65-74	Heart Disease	1	1430	38.2	1	925	40.2	1	505	35.0
	Cancer	2	994	26.5	2	577	25.1	2	417	28.9
	Stroke	3	222	5.9	3	132	5.7	3	90	6.2
	Accident	4	90	2.4	4	53	2.3	4	36	2.5
	Influenza & Pneumonia	5	83	2.2	5	51	2.2	5	32	2.2
	Other		925	24.7		563	24.5		362	25.1
	TOTAL		3744	100.0		2302	100.0		1442	100.0
75 and Over	Heart Disease	1	3471	42.6	1	1502	41.2	1	1969	43.6
	Cancer	2	1242	15.2	2	637	17.5	3	605	13.4
	Stroke	3	1008	12.4	3	368	10.1	2	640	14.2
	Influenza & Pneumonia	4	423	5.2	4	178	4.9	4	245	5.4
	General Arteriosclerosis	5	328	4.0	5	118	3.2	5	210	4.7
	Other		1684	20.6		839	23.0		845	18.7
	TOTAL		8156	100.0		3642	100.0		4514	100.0

*Totals include 1 male death due to accident with age not stated.
**Excludes deaths under 1 year of age (see page 28 for infant death data).
NOTE: The "ICD-9" codes included in each of the causes of death are listed in Appendix "A."

TABLE 29- VIOLENT DEATHS BY AGE AND SEX -Colorado Residents, 1979

CAUSE OF DEATH	SEX	Total	AGE GROUP										
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 & Over
TOTAL ACCIDENTS (E800-E949)	Total	1381*	11	45	64	382	276	152	105	104	90	88	63
	Male	988*	5	28	45	291	229	118	73	79	54	40	25
	Female	393	6	17	19	91	47	34	32	25	36	48	38
Motor Vehicle (E810-825)	Total	704*	4	10	31	263	176	83	55	34	25	15	7
	Male	520*	2	5	20	194	142	59	42	27	17	8	3
	Female	184	2	5	11	69	34	24	13	7	8	7	4
Accidental Falls (E880-E888)	Total	180	-	1	1	14	10	12	8	23	25	44	42
	Male	99	-	1	-	13	8	11	7	17	15	16	11
	Female	81	-	-	1	1	2	1	1	6	10	28	31
Drownings (E910)	Total	67	1	15	8	15	10	5	4	6	3	-	-
	Male	53	-	11	6	13	10	4	1	5	3	-	-
	Female	14	1	4	2	2	-	1	3	1	-	-	-
Fire & Explosion of Combustible Material (E890-E899,E923,E924)	Total	51	-	5	3	3	6	7	4	6	10	3	4
	Male	36	-	2	3	2	6	5	2	6	7	1	2
	Female	15	-	3	-	1	-	2	2	-	3	2	2
Accidental Poisoning by Solids or Liquids (E850-E866)	Total	50	-	-	-	8	18	8	7	7	2	-	-
	Male	29	-	-	-	5	13	6	1	4	-	-	-
	Female	21	-	-	-	3	5	2	6	3	2	-	-
Aircraft Accidents (E840-E845)	Total	43	-	1	1	13	12	11	3	2	-	-	-
	Male	38	-	1	1	12	11	9	2	2	-	-	-
	Female	5	-	-	-	1	1	2	1	-	-	-	-
Accidental Poisoning by Gases & Vapors (E867-E869)	Total	26	-	1	-	9	5	4	1	2	1	3	-
	Male	20	-	1	-	7	4	4	1	1	-	2	-
	Female	6	-	-	-	2	1	-	-	1	1	1	-
Firearms (E922)	Total	20	-	1	3	12	1	1	-	1	1	-	-
	Male	19	-	1	3	11	1	1	-	1	1	-	-
	Female	1	-	-	-	1	-	-	-	-	-	-	-
Electric Current (E925)	Total	17	-	-	1	9	4	1	1	-	1	-	-
	Male	15	-	-	-	8	4	1	1	-	1	-	-
	Female	2	-	-	1	1	-	-	-	-	-	-	-
Water Transport Accidents (E830-E838)	Total	16	-	-	1	4	2	3	2	1	1	2	-
	Male	10	-	-	-	1	2	2	2	1	1	1	-
	Female	6	-	-	1	3	-	1	-	-	-	1	-
Railway Accidents (E800-E807)	Total	10	-	-	2	1	-	1	2	2	1	1	-
	Male	10	-	-	2	1	-	1	2	2	1	1	-
	Female	-	-	-	-	-	-	-	-	-	-	-	-
Other Road Vehicle Accidents (E826-E829)	Total	9	-	-	2	-	3	2	-	2	-	-	-
	Male	6	-	-	1	-	1	2	-	2	-	-	-
	Female	3	-	-	1	-	2	-	-	-	-	-	-

TABLE 29 - Continued

CAUSE OF DEATH	SEX	Total	AGE GROUP										
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 & Over
All Other Accidents	Total	188	6	11	11	31	29	14	18	18	20	20	10
	Male	133	3	6	9	24	27	13	12	11	8	11	9
	Female	55	3	5	2	7	2	1	6	7	12	9	1
SUICIDE (E950-E959)	Total	510	-	-	4	97	130	91	62	66	33	22	5
	Male	393	-	-	3	87	106	66	42	48	21	17	3
	Female	117	-	-	1	10	24	25	20	18	12	5	2
HOMICIDE (E960-E969)	Total	168	2	5	4	58	48	28	11	6	4	1	1
	Male	118	2	3	1	43	36	17	11	4	1	-	-
	Female	50	-	2	3	15	12	11	-	2	3	1	1
UNDETERMINED AS TO ACCIDENT OR PURPOSELY INFLICTED (E980-E989)	Total	83	1	3	2	15	14	23	10	9	1	4	1
	Male	60	-	3	1	12	8	20	8	5	1	2	-
	Female	23	1	-	1	3	6	3	2	4	-	2	1

*Totals include one with age unknown.
NOTE: Numbers listed below causes are from "International Classification of Diseases" 9th Revision.

FIGURE 8 - ACCIDENTAL DEATHS, MOTOR VEHICLE DEATHS, AND DEATHS DUE TO ACCIDENTAL FALLS BY AGE GROUP AND SEX - Colorado, 1979

TABLE 30 - REPORTED CASES AND DEATHS FROM SELECTED NOTIFIABLE DISEASES - Colorado Residents, Selected Years, 1940 - 1979

CAUSE		YEAR								
		1979	1978	1977	1976	1975	1974	1973	1972	1971
Botulism	Cases	-	8	2	-	-	-	-	1	-
	Deaths	-	-	-	-	-	-	1	-	-
Colorado Tick Fever	Cases	148	104	200	220	261	192	244	115	89
	Deaths	-	-	-	-	-	-	-	1	-
Diphtheria	Cases	-	2	-	5	1	9	-	1	-
	Deaths	-	-	-	1	1	1	-	-	-
Encephalitis*	Cases	18	6	13	10	37	7	7	5	11
	Deaths	-	4	5	5	8	7	4	5	6
German Measles	Cases	68	53	194	31	139	177	1589	539	311
	Deaths	-	-	-	-	-	1	-	1	-
Hepatitis-Infectious	Cases	489	477	534	460	248	288	464	754	842
	Deaths	8	3	5	3	7	4	3	10	11
Serum	Cases	166	243	303	306	144	120	63	121	91
	Deaths**									
Influenza	Cases	41062	42941	34788	50284	9586	5261	12921	9477	420
	Deaths	12	41	35	228	41	62	81	81	28
Malaria***	Cases	10	5	5	12	2	6	2	34	139
	Deaths	-	-	-	-	-	-	-	-	-
Measles	Cases	72	50	425	470	1173	179	105	540	932
	Deaths	-	-	-	-	2	-	-	-	2
Meningococcal Infection	Cases	8	3	3	9	11	9	10	10	7
	Deaths	1	3	3	-	4	3	5	8	7
Mumps	Cases	117	115	309	282	689	616	618	773	1637
	Deaths	-	-	-	-	-	-	-	1	-
Pertussis	Cases	42	21	19	10	18	9	16	27	21
	Deaths	-	-	-	-	-	-	-	-	-
Poliomyelitis	Cases	-	1	-	-	-	-	-	-	1
	Deaths	1	-	-	-	-	-	-	-	-
Rheumatic Fever	Cases	12	9	8	14	33	26	41	27	54
	Deaths	5	9	3	1	-	-	-	-	-
Rocky Mountain Spotted Fever	Cases	4	2	1	1	1	-	2	-	2
	Deaths	-	-	-	-	-	-	-	-	-
Salmonellosis	Cases	534	475	783	824	716	435	556	281	291
	Deaths	1	-	-	-	-	3	1	1	3
Shigellosis	Cases	422	496	535	405	501	917	697	300	156
	Deaths	-	-	1	-	1	1	-	1	-
Streptoccal Infection	Cases	62464	60002	56160	42284	42388	52762	53485	45667	47115
	Deaths	1	-	1	1	1	-	1	2	2
Tetanus	Cases	-	1	-	-	-	-	1	-	-
	Deaths	-	-	-	-	-	-	-	-	-
Tuberculosis	Cases	170	143	149	174	220	307	356	420	423
	Deaths	14	25	21	23	31	23	29	31	34
Typhoid Fever	Cases	15	6****	9	8	2	2	3	2	4
	Deaths	-	-	-	-	-	-	-	-	-
Venereal Disease - Syphilis	Cases	362	424	353	371	314	381	484	444	347
	Deaths	1	2	-	2	2	2	4	3	4
Gonorrhea & Other	Cases	11616	11558	11589	11239	11534	10308	8842	7290	6344
	Deaths	-	1	-	-	-	-	1	-	-

*Includes post-infectious, and primary encephalitis.
**No mortality data are shown because deaths in which serum hepatitis is a contributing factor usually are coded to the underlying condition and not to serum hepatitis.
***All malaria cases were contracted outside of Colorado or were transmitted by needle or transfusion.
**** Includes one carrier.

TABLE 30 - Continued

	YEAR						
	1970	1965	1960	1955	1950	1945	1940
Cases	2	-	-	5	3	-	4
Deaths	2	1	-	1	1	2	6
Cases	72	156	242	223	99	31	68
Deaths	-	1	-	-	-	-	-
Cases	5	-	3	5	43	284	357
Deaths	1	-	-	-	-	22	15
Cases	13	116	50	35	17	8	60
Deaths	9	12	12	13	11	-	7
Cases	469	1973	1549	580	219	75	48
Deaths	1	-	-	-	1	-	-
Cases	1017	403	1177	528	-	-	-
Deaths	14	9	14	3	5	2	-
Cases	72	-	-	-	-	-	-
Deaths**							
Cases	5669	11293	21606	1674	2546	3491	1544
Deaths	44	24	61	20	58	119	151
Cases	348	5	-	4	2	846	3
Deaths	-	1	-	-	-	-	-
Cases	295	6027	6749	5082	5431	832	1526
Deaths	-	3	5	6	9	1	15
Cases	19	30	18	60	28	48	11
Deaths	9	7	4	12	10	16	3
Cases	1677	2199	4249	3789	2332	2155	6132
Deaths	-	-	-	2	-	4	1
Cases	83	98	448	599	1134	1672	893
Deaths	-	-	-	3	5	25	33
Cases	1	1	21	223	205	146	40
Deaths	-	1	-	6	8	14	12
Cases	61	76	275	102	128	223	-
Deaths	2	5	5	28	27	19	17
Cases	3	9	6	6	17	13	11
Deaths	-	-	-	1	1	1	1
Cases	305	218	180	79	8	7	9
Deaths	1	1	-	1	-	-	-
Cases	100	259	238	131	25	16	90
Deaths	-	3	4	2	4	5	3
Cases	47541	28116	24319	3050	651	2572	1595
Deaths	-	3	4	5	7	8	6
Cases	-	2	1	-	-	-	3
Deaths	-	-	1	1	2	-	6
Cases	362	558	746	1144	1586	669	565
Deaths	34	61	76	116	208	362	457
Cases	4	1	1	16	23	50	79
Deaths	-	-	-	-	-	8	9
Cases	272	583	153	278	755	2398	3132
Deaths	5	22	30	18	50	74	89
Cases	5801	2381	1563	1391	1190	2755	1246
Deaths	-	-	1	2	-	4	1

NOTE: The "ICD" codes included in each of the causes of death are listed in Appendix "A."

TABLE 31 - MARRIAGES, DISSOLUTIONS, AND SEPARATE MAINTENANCE BY HEALTH SERVICE AREA, PLANNING REGION AND COUNTY - Colorado Occurrence, 1979

HSA Region County	Marriages		Dissolutions		Separate Maintenance
	Number	Rate*	Number	Rate*	
COLORADO	32831	12.1	16498	6.1	162
HSA I NE	22080	11.9	11209	6.0	137
Region 1	712	11.4	288	4.6	1
Logan	256	13.3	77	4.0	-
Morgan	237	11.0	141	6.5	1
Phillips	40	9.3	10	2.3	-
Sedgwick	65	20.3	10	3.1	-
Washington	41	8.0	10	2.0	-
Yuma	73	7.9	40	4.3	-
Region 2	2684	10.9	1311	5.3	8
Larimer	1679	12.4	807	5.9	6
Weld	1005	9.0	504	4.5	2
Region 3	18492	12.1	9551	6.2	128
Adams	1785	7.6	1124	4.8	14
Arapahoe	3691	17.1	1812	8.4	11
Boulder	2256	12.7	902	5.1	23
Clear Creek	89	14.1	43	6.8	-
Denver	7421	16.0	3126	6.8	32
Douglas	194	8.0	77	3.2	-
Gilpin	47	19.6	3	1.3	1
Jefferson	3009	8.4	2464	6.8	47
Region 5	192	9.6	59	2.9	-
Cheyenne	24	12.6	6	3.2	-
Elbert	32	5.1	11	1.7	-
Kit Carson	81	10.9	22	3.0	-
Lincoln	55	12.2	20	4.4	-
HSA II SE	7151	12.3	3302	5.7	17
Region 4	4295	14.2	1675	5.6	14
El Paso	4178	14.5	1636	5.7	14
Park	39	7.4	10	1.9	-
Teller	78	10.4	29	3.9	-
Region 6	479	9.2	282	5.4	-
Baca	55	9.6	21	3.7	-
Bent	40	6.6	20	3.3	-
Crowley	35	13.0	4	1.5	-
Kiowa	10	5.6	3	1.7	-
Otero	198	8.8	144	6.4	-
Prowers	141	10.4	90	6.7	-

*Marriage and dissolution rates are per 1,000 population; dissolutions = divorces + annulments.

TABLE 31 - Continued

HSA Region County	Marriages		Dissolutions		Separate Maintenance
	Number	Rate*	Number	Rate*	
Region 7	1432	10.1	733	5.2	3
Huerfano	55	8.7	29	4.6	-
Las Animas	120	8.2	52	3.6	-
Pueblo	1257	10.4	652	5.4	3
Region 8	389	10.4	198	5.3	-
Alamosa	210	17.6	129	10.8	-
Conejos	37	4.9	12	1.6	-
Costilla	9	3.0	-	-	-
Mineral	10	14.3	-	-	-
Rio Grande	113	11.0	47	4.6	-
Saguache	10	2.6	10	2.6	-
Region 13	556	11.4	414	8.5	-
Chaffee	145	11.8	106	8.6	-
Custer	8	5.3	1	0.7	-
Fremont	296	11.0	232	8.6	-
Lake	107	13.4	75	9.4	-
HSA III WEST	3600	13.2	1987	7.3	8
Region 9	640	13.4	338	7.1	4
Archuleta	41	13.2	20	6.5	2
Dolores	18	11.3	9	5.6	-
La Plata	383	14.7	193	7.4	2
Montezuma	176	11.3	109	7.0	-
San Juan	22	24.4	7	7.8	-
Region 10	650	11.5	376	6.7	1
Delta	229	11.7	109	5.6	1
Gunnison	117	12.6	49	5.3	-
Hinsdale	5	10.0	4	8.0	-
Montrose	245	11.0	187	8.4	-
Ouray	17	10.6	4	2.5	-
San Miguel	37	11.9	23	7.4	-
Region 11	1451	13.0	996	9.0	2
Garfield	272	13.3	170	8.3	1
Mesa	930	12.8	660	9.1	1
Moffat	185	15.2	109	8.9	-
Rio Blanco	64	11.2	57	10.0	-
Region 12	859	15.0	277	4.8	1
Eagle	168	11.7	66	4.7	-
Grand	99	13.8	35	4.9	-
Jackson	22	12.2	-	-	-
Pitkin	251	20.7	41	3.4	-
Routt	155	12.4	79	6.3	-
Summit	164	17.4	56	6.0	1

TABLE 32 - TYPE OF ADOPTION AND SEX OF CHILD FOR ALL PROCESSED ADOPTIONS, 1979

Type of Adoption	Total Processed	Colorado Adoptions			Colorado Births		
		Total	Place of Birth		Total	Place of Adoption	
			Colorado	Out of State		Colorado	Out of State
TOTAL	3532	2983	2037	946	2586	2037	549
Male	1773	1485	998	487	1286	998	288
Female	1759	1498	1039	459	1300	1039	261
Both Parent	649	533	430	103	546	430	116
Male	329	267	220	47	282	220	62
Female	320	266	210	56	264	210	54
Step Parent	2184	1784	970	814	1370	970	400
Male	1096	888	462	426	670	462	208
Female	1088	896	508	388	700	508	192
Single Parent	45	40	26	14	31	26	5
Male	16	13	8	5	11	8	3
Female	29	27	18	9	20	18	2
Legitimation	559	559	559	-	559	559	-
Male	282	282	282	-	282	282	-
Female	277	277	277	-	277	277	-
Relative	95	67	52	15	80	52	28
Male	50	35	26	9	41	26	15
Female	45	32	26	6	39	26	13

TABLE 33 - TYPE OF ADOPTION AND AGE OF CHILD FOR ALL PROCESSED ADOPTIONS - Colorado, 1979

Age of Child	All Processed Adoptions	TYPE OF ADOPTION				
		Both Parent	Step Parent	Single Parent	Legitimation	Relative
TOTAL	3532	649	2184	45	559	95
Under 1 Year	551	214	9	-	321	7
1 Year	259	115	26	3	103	12
2 Years	194	54	81	-	48	11
3 Years	188	46	102	1	32	7
4 Years	251	31	194	3	20	3
5-9 Years	1153	113	969	18	27	26
10-14 Years	653	52	573	9	3	16
15-19 Years	230	20	191	7	3	9
Over 19 Years	49	4	37	4	-	4
Unknown	4	-	2	-	2	-

TABLE 34 - CERTIFIED COPIES OF BIRTH AND DEATH CERTIFICATES - SELECTED FISCAL YEARS, 1940-1979*

YEAR	TOTAL	PAID COPIES	FREE COPIES
1940-1941	7441	6781	660
1950-1951	28115	22657	5458
1951-1952	30350	26350	4000
1952-1953	30500	28520	1980
1953-1954**	40003	37507	2496
1954-1955	31210	28563	2647
1955-1956	33473	30693	2780
1956-1957	34828	32336	2492
1957-1958	34757	32400	2357
1958-1959	36743	34511	2232
1959-1960	34636	32841	1795
1960-1961	38701	36235	2466
1961-1962	40935	38772	2163
1962-1963	42818	40600	2218
1963-1964	43496	41277	2219
1964-1965	43754	41830	1924
1965-1966	49537	47605	1932
1966-1967	52542	50288	2254
1967-1968	52936	50986	1950
1968-1969	55301	53331	1970
1969-1970	56373	54677	1696
1970-1971	56800	55058	1742
1971-1972	62461	59824	1579
1972-1973	62543	61463	1080
1973-1974	65260	63676	1584
1974-1975	67259	65941	1318
1975-1976	69812	68642	1180
1976-1977	68974	67938	1036
1977-1978	72880	71761	1119
1978-1979	74049	72882	1167
1979-1980	75637	74653	984

*July 1 - June 30
**Beginning in 1954, the fee was raised from $1.00 to $2.00 per copy.
NOTE: These figures include all certified copies issued by the State Office of Vital Statistics and do not include those issued by Local Registrars.

APPENDIX A - CLASSIFICATIONS OF DISEASES INCLUDED IN "COLORADO VITAL STATISTICS, "*

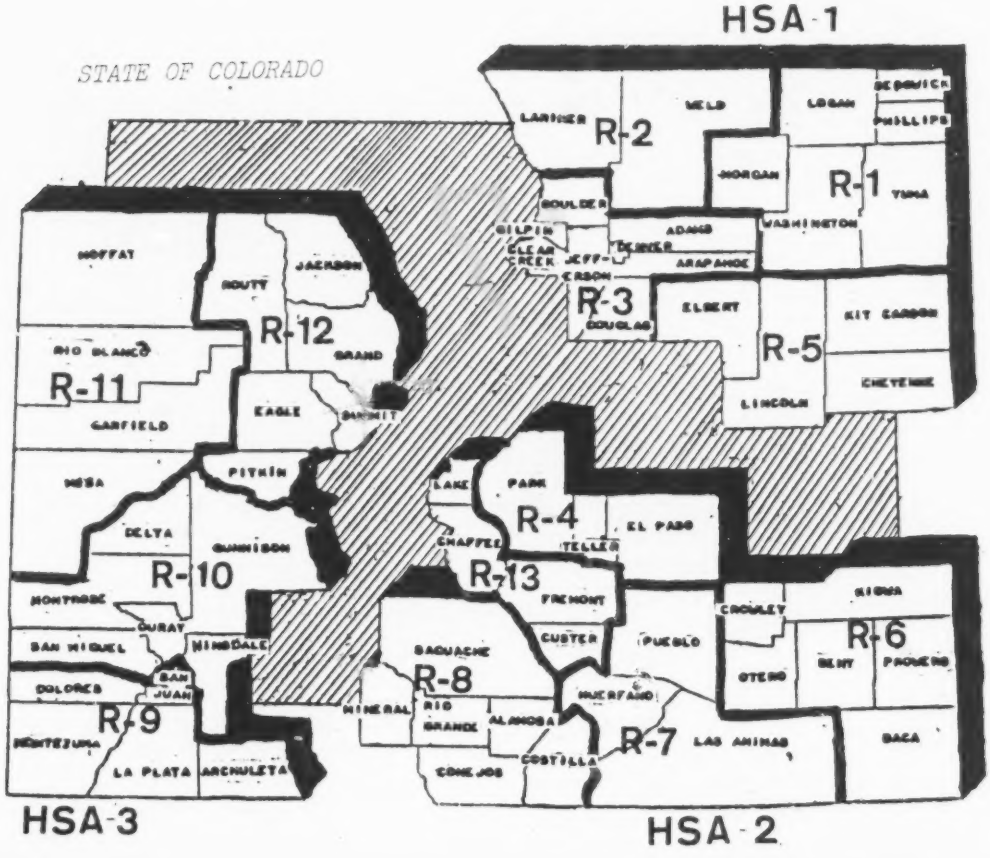
DISEASES	9TH REVISION (1979)	8TH REVISION (1968-1978)	7TH REVISION (1958-1967)	6TH REVISION (1949-1957)	5TH REVISION (1941-1948)
INFECTIOUS & PARASITIC	(001-139)	(000-136)	(000-138)	(000-138)	(000-044)
TYPHOID FEVER	002	001	040	040	1
SALMONELLOSIS	003	002,003	041,042	041,042	2
SHIGELLOSIS	004	004	045	045	27A
BOTULISM	005.1	005.1	049.1	049.1	177
TUBERCULOSIS	010-018	010-019	001-019	001-019	13-22
DIPHTHERIA	032	032	055	055	10
PERTUSSIS	033	033	056	056	9
STREPTOCOCCAL INFECTION	034,041.0	034	050,051,053.0	050,051,053.0	8
MENINGOCOCCAL INFECTION	036	036	057	057	6
TETANUS	037	037	061	061	12
POLIOMYELITIS	045	040-043	080	080	36
MEASLES	055	055	085	085	35
GERMAN MEASLES	056	056	086	086	38D
ENCEPHALITIS	062-064,323	062-065,079.2,323	082,343	082,343	37,44D
COLORADO TICK FEVER	066.1	068.1	096.9	096.9	38F
INFECTIOUS HEPATITIS	070.1	070	092	092	32A
MUMPS	072	072	089	089	44C
ROCKY MOUNTAIN SPOTTED FEVER	082.0	082.0	104	104	39C
MALARIA	084	084	110-117	110-117	28
SYPHILIS	090-097	090-097	020-029	020-029	30
GONORRHEA & OTHER VD	098-099	098,099	030-039	030-039	25,44A
NEOPLASMS	(140-239)	(140-239)	(140-239)	(140-239)	(45-57)
MALIGNANT	140-208	140-209	140-207	140-205	45-55
ENDOCRINE GLANDS	(240-259)	(240-258)	(240-277)	(240-277)	(61-66)
DIABETES MELLITUS	250	250	260	260	61
CIRCULATORY SYSTEM	(390-448)	(390-458)	(400-468,330-334)	(400-468,330-334)	(90-103,83)
RHEUMATIC FEVER	392	390-392	400-402	400-402	58
HEART DISEASE	390-398,402 404-429	390-398,402, 404,410-429	400-443	400-443	58,90-95
OTHER DISEASES OF THE CIRCULATORY SYSTEM	400,401,403 441-448	400,401,403, 441-448	444-447, 451-456	444-447, 451-456	96,98,99
CEREBROVASCULAR DISEASE	430-438	430-438	330-334	330-334	83
GENERAL ARTERIOSCLEROSIS	440	440	450	450	97
RESPIRATORY SYSTEM	(460-519)	(460-519)	(470-527)	(470-527)	(106-114)
INFLUENZA	487	470-474	480-483	480-483	33**
PNEUMONIA	480-486	480-486	490-493	490-493	107-109
EMPHYSEMA	492	492	527.1	527.1	113
DIGESTIVE SYSTEM	(520-579)	(520-577)	(530-587)	(530-587)	(115-129)
CIRRHOSIS OF THE LIVER	571	571	581	581	124
GENITOURINARY SYSTEM	(580-629)	(580-629)	(590-637)	(590-637)	(130-139)
NEPHRITIS & NEPHROSIS	580-584	580-584	590-594	590-594	130-132
COMPLICATIONS OF PREGNANCY, CHILDBIRTH & THE PUERPERIUM	(630-676)	(630-678)	(640-689)	(640-689)	(140-150)
CONGENITAL MALFORMATIONS	(740-759)	(740-759)	(750-759)	(750-759)	(157)
DISEASES OF EARLY INFANCY	(760-779)	(760-769.2,769.4-772,774-778)	(760-776)	(760-776)	(158-161)
ACCIDENTS, POISONINGS, AND VIOLENCE	(E800-E999)	(E800-E999)	(E800-E999)	(E800-E999)	(163-198)
ACCIDENTS	E800-E949	E800-E949	E800-E962	E800-E962	169-176, 178-195
SUICIDE	E950-E959	E950-E959	E963,E970-E979	E963,E970-E979	163,164
HOMICIDE	E960-E969	E960-E978	E980-E985	E980-E985	165-168,198
INJURY UNDETERMINED WHETHER ACCIDENTALLY OR PURPOSELY INFLICTED	E980-E989	E980-E989			

*"INTERNATIONAL CLASSIFICATION OF DISEASES", WORLD HEALTH ORGANIZATION, GENEVA, SWITZERLAND (8TH REVISION ADAPTED FOR USE IN THE UNITED STATES).

**IN THE 4TH AND 5TH REVISIONS, INFLUENZA WAS CLASSIFIED UNDER "INFECTIOUS & PARASITIC" DISEASES.

APPENDIX B - ALPHABETICAL LISTING OF COLORADO COUNTIES IDENTIFYING HEALTH SERVICE AREA, PLANNING REGION AND COUNTY SEAT

County	HSA	Region	County Seat	County	HSA	Region	County Seat
Adams	1	3	Brighton	Lake	2	13	Leadville
Alamosa	2	8	Alamosa	La Plata	3	9	Durango
Arapahoe	1	3	Littleton	Larimer	1	2	Fort Collins
Archuleta	3	9	Pagosa Springs	Las Animas	2	7	Trinidad
Baca	2	6	Springfield	Lincoln	1	5	Hugo
Bent	2	6	Las Animas	Logan	1	1	Sterling
Boulder	1	3	Boulder	Mesa	3	11	Grand Junction
Chaffee	2	13	Salida	Mineral	2	8	Creede
Cheyenne	1	5	Cheyenne Wells	Moffat	3	11	Craig
Clear Creek	1	3	Georgetown	Montezuma	3	9	Cortez
Conejos	2	8	Conejos	Montrose	3	10	Montrose
Costilla	2	8	San Luis	Morgan	1	1	Fort Morgan
Crowley	2	6	Ordway	Otero	2	6	La Junta
Custer	2	13	Westcliffe	Ouray	3	10	Ouray
Delta	3	10	Delta	Park	2	4	Fairplay
Denver	1	3	Denver	Phillips	1	1	Holyoke
Dolores	3	9	Dove Creek	Pitkin	3	12	Aspen
Douglas	1	3	Castle Rock	Prowers	2	6	Lamar
Eagle	3	12	Eagle	Pueblo	2	7	Pueblo
Elbert	1	5	Kiowa	Rio Blanco	3	2	Meeker
El Paso	2	4	Colorado Springs	Rio Grande	2	8	Del Norte
Fremont	2	13	Canon City	Routt	3	12	Steamboat Springs
Garfield	3	11	Glenwood Springs	Saguache	2	8	Saguache
Gilpin	1	3	Central City	San Juan	3	9	Silverton
Grand	3	12	Hot Sulphur Springs	San Miguel	3	10	Telluride
Gunnison	3	10	Gunnison	Sedgwick	1	1	Julesburg
Hinsdale	3	10	Lake City	Summit	3	12	Breckenridge
Huerfano	2	7	Walsenburg	Teller	2	4	Cripple Creek
Jackson	3	12	Walden	Washington	1	1	Akron
Jefferson	1	3	Golden	Weld	1	2	Greeley
Kiowa	2	6	Eads	Yuma	1	1	Wray
Kit Carson	1	5	Burlington				



APPENDIX C - LIST OF AVAILABLE TABULATIONS

1979 BIRTH STATISTICS

FILE	REPORT NUMBER	CONTENT
TOTAL EVENTS	11-021	AGE OF MOTHER X COLORADO RESIDENTS & OCCURRENCES
RESIDENTS	12-01A	COUNTY OF RESIDENCE X ATTENDANT AND MEDICAL COMPLICATIONS
	12-01B	X MONTH OF OCCURRENCE
	12-01C	X EDUCATION OF MOTHER
	12-01D	X BIRTH WEIGHT
	12-01E	X MONTH CARE BEGAN
	12-01F	X BY AGE OF MOTHER
	12-01G	X BY RACE & SEX
	12-01H	X TOTAL LIVING CHILDREN
	12-02C	AGE OF MOTHER X EDUCATION
	12-02D	X BIRTH WEIGHT
	12-03D	MONTH CARE BEGAN X BIRTH WEIGHT
	12-04A	BIRTH WEIGHT X ATTENDANT AND MEDICAL COMPLICATIONS
	12-04G	X RACE AND SEX
	12-06A	PRENATAL VISITS X ATTENDANT AND MEDICAL COMPLICATIONS
	12-06C	X EDUCATION OF MOTHER
	12-06D	X BIRTH WEIGHT
	12-06F	X AGE OF MOTHER
	12-07A	EDUCATION OF MOTHER X ATTENDANT AND MEDICAL COMPLICATIONS
	12-07D	X BIRTH WEIGHT
	12-07E	X MONTH CARE BEGAN
	12-07G	X RACE AND SEX
	12-07H	X TOTAL LIVING CHILDREN
	12-08A	WEEKS OF PREGNANCY X ATTENDANT AND MEDICAL COMPLICATIONS
	12-09B	CITY OF RESIDENCE X MONTH OF OCCURRENCE
	12-14C	CONGENITAL MALFORMATION X EDUCATION OF MOTHER
	12-14J	X COUNTY OF RESIDENCE
	12-15D	COUNTY OF RESIDENCE AND X BIRTH WEIGHT
	12-15E	EDUCATION OF MOTHER X MONTH CARE BEGAN
	12-15G	X RACE AND SEX
	12-15H	X TOTAL LIVING CHILDREN
OCCURRENCES	16-01A	COUNTY OF OCCURRENCE X ATTENDANT AND MEDICAL COMPLICATIONS
	16-01B	X MONTH OF OCCURRENCE
	16-01G	X RACE AND SEX
	16-05D	INSTITUTION OF BIRTH X BIRTH WEIGHT
	16-05J	X COUNTY OF RESIDENCE
RESIDENT WOMEN WITH HIGH SCHOOL EDUCATION	17-06J	PRENATAL VISITS X COUNTY OF RESIDENCE
RESIDENT WOMEN WITH HIGH SCHOOL EDUCATION +	18-06J	PRENATAL VISITS X COUNTY OF RESIDENCE
RESIDENT ILLEGITIMATE	22-01A	COUNTY OF RESIDENCE X ATTENDANT AND MEDICAL COMPLICATIONS
	22-01B	X MONTH OF OCCURRENCE
	22-01C	X EDUCATION OF MOTHER
	22-01E	X MONTH CARE BEGAN
	22-01F	X AGE OF MOTHER
	22-01G	X RACE AND SEX
	22-01H	X TOTAL LIVING CHILDREN
	22-02D	AGE OF MOTHER X BIRTH WEIGHT
	22-06F	PRENATAL VISITS X AGE OF MOTHER
RESIDENT LOW WEIGHT	32-01C	COUNTY OF RESIDENCE X EDUCATION OF MOTHER

APPENDIX C (Con't) - LIST OF AVAILABLE TABULATIONS

1979 DEATH STATISTICS

FILE	REPORT NUMBER	CONTENT
TOTAL EVENTS	61-11I	SELECTED CAUSE OF DEATH X COLORADO RESIDENTS & OCCURRENCES
RESIDENTS	62-01B	COUNTY OF RESIDENCE X MONTH OF OCCURRENCE
	62-01G	X RACE AND SEX
	62-01L	X FIVE-YEAR AGE GROUP
	62-09B	CITY OF RESIDENCE X MONTH OF OCCURRENCE
	62-10B	ICDA CAUSE OF DEATH X MONTH OF OCCURRENCE
	62-10G	X RACE AND SEX
	62-10J	X COUNTY OF RESIDENCE
	62-10L	X FIVE-YEAR AGE GROUP
	62-11B	SELECTED CAUSE OF DEATH X MONTH OF OCCURRENCE
	62-11G	X RACE AND SEX
	62-11J	X COUNTY OF RESIDENCE
	62-12L	SELECTED CAUSE OF DEATH AND SEX X FIVE-YEAR AGE GROUP
	62-13	MVSR CAUSE OF DEATH BY SEX
RESIDENT MALES	63-10L	ICDA CAUSE OF DEATH X FIVE-YEAR AGE GROUP
RESIDENT FEMALES	64-10L	ICDA CAUSE OF DEATH X FIVE-YEAR AGE GROUP
RESIDENTS BY COUNTY	65-12L	SELECTED CAUSE OF DEATH AND SEX X FIVE-YEAR AGE GROUP
OCCURRENCES	66-01B	COUNTY OF OCCURRENCE X MONTH OF OCCURRENCE
	66-10L	ICDA CAUSE OF DEATH X FIVE-YEAR AGE GROUP
	66-11G	SELECTED CAUSE OF DEATH X RACE AND SEX
	66-11J	X COUNTY OF OCCURRENCE
RESIDENT INFANTS	72-01B	COUNTY OF RESIDENCE X MONTH OF OCCURRENCE
	72-01G	X RACE AND SEX
	72-01K	X INFANT AGE GROUP
	72-10G	ICDA CAUSE OF DEATH X RACE AND SEX
	72-10K	X INFANT AGE GROUP
OCCURRENCE INFANTS	76-01B	COUNTY OF OCCURRENCE X MONTH OF OCCURRENCE
	76-01K	X INFANT AGE GROUP
	76-05K	INSTITUTION OF DEATH X INFANT AGE GROUP
RESIDENT NEONATALS	82-10G	ICDA CAUSE OF DEATH X RACE AND SEX
OCCURRENCE NEONATALS	86-01B	COUNTY OF OCCURRENCE X MONTH OF OCCURRENCE

APPENDIX D - DEFINITIONS

Death - Permanent disappearance of any evidence of life at any time after live birth.

$$\text{Death Rate} = \frac{\text{Number of Deaths}}{\text{Total Population}} \times 1{,}000^{*}$$

$$^{*}\text{Cause Specific Death Rate} = \frac{\text{Number of Deaths from Specific Cause}}{\text{Total Population}} \times 100{,}000$$

Dissolution - Termination of a marriage = annulments + divorces

$$\text{Dissolution Rate} = \frac{\text{Number of Dissolutions}}{\text{Total Population}} \times 1{,}000$$

Fetal Death - Death prior to the complete expulsion or extraction from its mother of a product of human conception, irrespective of the duration of the pregnancy; the death is indicated by the fact that after such expulsion or extraction the fetus does not breathe or show any other evidence of life such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles (World Health Organization).

$$\text{Fetal Death Rate} = \frac{\text{Number of Fetal Deaths}^{**}}{\text{Total Live Births}} \times 1{,}000$$

**May apply to all fetal deaths, spontaneous fetal deaths, or spontaneous fetal deaths of at least 20 weeks gestational age.

Induced Abortion - Termination of pregnancy with intention other than to produce a liveborn infant or to remove a dead fetus.

Infant Death - Death of a child under one year of age.

$$\text{Infant Death Rate} = \frac{\text{Number of Infant Deaths}}{\text{Total Live Births}} \times 1{,}000$$

Live Birth - Complete expulsion or extraction from its mother of a product of human conception, irrespective of the duration of pregnancy, which, after such expulsion or extraction, breathes or shows any other evidence of life such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles (World Health Organization).

$$\text{Birth Rate} = \frac{\text{Number of Live Births}}{\text{Total Population}} \times 1{,}000$$

Low Birthweight - Live-born infant whose birthweight is 2,500 grams (5 lbs 8 oz) or less.

Marriage - The legal union of persons of the opposite sex.

$$\text{Marriage Rate} = \frac{\text{Number of Marriages}}{\text{Total Population}} \times 1{,}000$$

Maternal Death - Death attributed to delivery or the complications of pregnancy, childbirth, or the puerperium.

$$\text{Maternal Death Rate} = \frac{\text{Number of Maternal Deaths}}{\text{Total Live Births}} \times 10{,}000$$

Neonatal Death - Death of a child of 28 days of age or less.

$$\text{Neonatal Death Rate} = \frac{\text{Number of Neonatal Deaths}}{\text{Total Live Births}} \times 1{,}000$$

Perinatal Death - Death of a fetus of at least 20 weeks gestational age or of a child 28 days of age or less.

$$\text{Perinatal Death Rate} = \frac{\text{Fetal Deaths 20 weeks and over} + \text{Neonatal Deaths}}{\text{Fetal Deaths over 20 weeks} + \text{Live Births}} \times 1{,}000$$

Spontaneous Fetal Death - Death of a product of human conception through natural causes and without the aid of mechanical or medicinal agents.

Weeks Gestation - Period of gestation or length of pregnancy measured in completed weeks and calculated from the first day of the last normal menses to the date of delivery or termination of pregnancy.